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COMPACT WORLD ATLAS

NEW EDITION



COMPACT WORLD ATLAS

NEW EDITION

A superb work of reference, this atlas has been crafted from the most up-to-date digital cartography. Containing 96 pages of the finest physically coloured maps, and with town and city names, major transport routes and geographical features clearly shown, this atlas gives an excellent representation of the land surface by the skilful use of layer-coloured contours.

An illustrated thematic section, The Earth in Focus, includes maps, photographs, text and statistics covering such topics as the Solar System and the Earth, volcanoes and earthquakes, water and climate, landscape and vegetation, population, languages and religions, agriculture, trade, transport and travel, international organizations and flags.

THE WORLD









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Cartography by Philip's

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World Statistics – Countries

Listed below are all the countries of the world; the more important territories are also included. If a territory is not completely independent, then the country it is associated with is named. The area figures give the total area of land, inland water and ice. Annual income is the GNP per capita. The figures are the latest available: usually 1997.

Country / Territory	Area (1,000 sq km)	Area (1,000 sq mls)	Population (1,000s)	Capital City	Annual Income US\$
Afghanistan	652	252	24,792	Kabul	600
Albania	28.8	11.1	3,331	Tirana	750
Algeria	2,382	920	30,481	Algiers	1,490
Andorra	0.45	0.17	75	Andorra La Vella	16,200
Angola	1,247	481	11,200	Luanda	340
Argentina	2,767	1,068	36,265	Buenos Aires	8,750
Armenia	29.8	11.5	3,422	Yerevan	530
Australia	7,687	2,968	18,613	Canberra	20,540
Austria	83.9	32.4	8,134	Vienna	27,980
Azerbaijan	86.6	33.4	7,856	Baku	510
Azores (Portugal)	2.2	0.87	238	Ponta Delgada	–
Bahamas	13.9	5.4	280	Nassau	11,940
Bahrain	0.68	0.26	616	Manama	7,840
Bangladesh	144	56	125,000	Dhaka	270
Barbados	0.43	0.17	259	Bridgetown	6,560
Belarus	207.6	80.1	10,409	Minsk	2,150
Belgium	30.5	11.8	10,175	Brussels	26,420
Belize	23	8.9	230	Belmopan	2,700
Benin	113	43	6,101	Porto-Novo	380
Bhutan	47	18.1	1,908	Thimphu	390
Bolivia	1,099	424	7,826	La Paz/Sucre	950
Bosnia-Herzegovina	51	20	3,366	Sarajevo	300
Botswana	582	225	1,448	Gaborone	4,381
Brazil	8,512	3,286	170,000	Brasília	4,720
Brunei	5.8	2.2	315	Bandar Seri Begawan	15,800
Bulgaria	111	43	8,240	Sofia	1,140
Burkina Faso	274	106	11,266	Ouagadougou	240
Burma (= Myanmar)	677	261	47,305	Rangoon	1,790
Burundi	27.8	10.7	5,531	Bujumbura	180
Cambodia	181	70	11,340	Phnom Penh	300
Cameroon	475	184	15,029	Yaoundé	650
Canada	9,976	3,852	30,675	Ottawa	19,290
Canary Is. (Spain)	7.3	2.8	1,494	Las Palmas/Santa Cruz	–
Cape Verde Is.	4	1.6	399	Praia	1,010
Central African Republic	623	241	3,376	Bangui	320
Chad	1,284	496	7,360	Ndjaména	240
Chile	757	292	14,788	Santiago	5,020
China	9,597	3,705	1,236,915	Beijing	860
Colombia	1,139	440	38,581	Bogotá	2,280
Comoros	2.2	0.86	545	Moroni	450
Congo	342	132	2,658	Brazzaville	660
Congo (= Zaïre)	2,345	905	49,001	Kinshasa	110
Costa Rica	51.1	19.7	3,605	San José	2,640
Croatia	56.5	21.8	4,672	Zagreb	4,610
Cuba	111	43	11,051	Havana	1,300

Country / Territory	Area (1,000 sq km)	Area (1,000 sq mls)	Population (1,000s)	Capital City	Annual Income US\$
Cyprus	9.3	3.6	749	Nicosia	13,420
Czech Republic	78.9	30.4	10,286	Prague	5,200
Denmark	43.1	16.6	5,334	Copenhagen	32,500
Djibouti	23.2	9	650	Djibouti	850
Dominica	0.75	0.29	78	Roseau	3,090
Dominican Republic	48.7	18.8	7,999	Santo Domingo	1,670
Ecuador	284	109	12,337	Quito	1,590
Egypt	1,001	387	66,050	Cairo	1,180
El Salvador	21	8.1	5,752	San Salvador	1,810
Equatorial Guinea	28.1	10.8	454	Malabo	530
Eritrea	94	36	3,842	Asmara	570
Estonia	44.7	17.3	1,421	Tallinn	3,330
Ethiopia	1,128	436	58,390	Addis Ababa	110
Fiji	18.3	7.1	802	Suva	2,470
Finland	338	131	5,149	Helsinki	24,080
France	552	213	58,805	Paris	26,050
French Guiana (France)	90	34.7	162	Cayenne	10,580
French Polynesia (France)	4	1.5	237	Papeete	7,500
Gabon	268	103	1,208	Libreville	4,230
Gambia, The	11.3	4.4	1,292	Banjul	320
Georgia	69.7	26.9	5,109	Tbilisi	840
Germany	357	138	82,079	Berlin/Bonn	28,260
Ghana	239	92	18,497	Accra	370
Greece	132	51	10,662	Athens	12,010
Grenada	0.34	0.13	96	St George's	2,880
Guadeloupe (France)	1.7	0.66	416	Basse-Terre	9,200
Guatemala	109	42	12,008	Guatemala City	1,500
Guinea	246	95	7,477	Conakry	570
Guinea-Bissau	36.1	13.9	1,206	Bissau	240
Guyana	215	83	820	Georgetown	690
Haiti	27.8	10.7	6,781	Port-au-Prince	330
Honduras	112	43	5,862	Tegucigalpa	700
Hong Kong (China)	1.1	0.40	6,707	—	22,990
Hungary	93	35.9	10,208	Budapest	4,430
Iceland	103	40	271	Reykjavik	26,580
India	3,288	1,269	984,000	New Delhi	390
Indonesia	1,905	735	212,942	Jakarta	1,110
Iran	1,648	636	64,411	Tehran	4,700
Iraq	438	169	21,722	Baghdad	2,000
Ireland	70.3	27.1	3,619	Dublin	18,280
Israel	27	10.3	5,644	Jerusalem	15,810
Italy	301	116	56,783	Rome	20,120
Ivory Coast (Côte d'Ivoire)	322	125	15,446	Yamoussoukro	690
Jamaica	11	4.2	2,635	Kingston	1,560
Japan	378	146	125,932	Tokyo	37,850
Jordan	89.2	34.4	4,435	Amman	1,570
Kazakstan	2,717	1,049	16,847	Astana	1,340
Kenya	580	224	28,337	Nairobi	330
Korea, North	121	47	21,234	Pyongyang	1,000
Korea, South	99	38.2	46,417	Seoul	10,550

World Statistics – Countries

Country / Territory	Area (1,000 sq km)	Area (1,000 sq mls)	Population (1,000s)	Capital City	Annual Income US\$
Kuwait	17.8	6.9	1,913	Kuwait City	17,390
Kyrgyzstan	198.5	76.6	4,522	Bishkek	440
Laos	237	91	5,261	Vientiane	400
Latvia	65	25	2,385	Riga	2,430
Lebanon	10.4	4	3,506	Beirut	3,350
Lesotho	30.4	11.7	2,090	Maseru	670
Liberia	111	43	2,772	Monrovia	770
Libya	1,760	679	4,875	Tripoli	6,510
Lithuania	65.2	25.2	3,600	Vilnius	2,230
Luxembourg	2.6	1	425	Luxembourg	45,360
Macau (China)	0.02	0.006	429	Macau	7,500
Macedonia	25.7	9.9	2,009	Skopje	1,090
Madagascar	587	227	14,463	Antananarivo	250
Madeira (Portugal)	0.81	0.31	253	Funchal	—
Malawi	118	46	9,840	Lilongwe	220
Malaysia	330	127	20,993	Kuala Lumpur	4,680
Maldives	0.30	0.12	290	Malé	1,080
Mali	1,240	479	10,109	Bamako	260
Malta	0.32	0.12	379	Valletta	12,000
Martinique (France)	1.1	0.42	407	Fort-de-France	10,000
Mauritania	1,030	412	2,511	Nouakchott	450
Mauritius	2.0	0.72	1,168	Port Louis	3,800
Mexico	1,958	756	98,553	Mexico City	3,680
Micronesia, Fed. States of	0.70	0.27	127	Palikir	2,070
Moldova	33.7	13	4,458	Chişinău	540
Mongolia	1,567	605	2,579	Ulan Bator	390
Morocco	447	172	29,114	Rabat	1,250
Mozambique	802	309	18,641	Maputo	90
Namibia	825	318	1,622	Windhoek	2,220
Nepal	141	54	23,698	Katmandu	210
Netherlands	41.5	16	15,731	Amsterdam/The Hague	25,820
Netherlands Antilles (Neths)	0.99	0.38	210	Willemstad	10,400
New Caledonia (France)	18.6	7.2	192	Nouméa	8,000
New Zealand	269	104	3,625	Wellington	16,480
Nicaragua	130	50	4,583	Managua	410
Niger	1,267	489	9,672	Niamey	200
Nigeria	924	357	110,532	Abuja	260
Norway	324	125	4,420	Oslo	36,090
Oman	212	82	2,364	Muscat	4,950
Pakistan	796	307	135,135	Islamabad	490
Panama	77.1	29.8	2,736	Panama City	3,080
Papua New Guinea	463	179	4,600	Port Moresby	940
Paraguay	407	157	5,291	Asunción	2,010
Peru	1,285	496	26,111	Lima	2,460
Philippines	300	116	77,736	Manila	1,220
Poland	313	121	38,607	Warsaw	3,590
Portugal	92.4	35.7	9,928	Lisbon	10,450
Puerto Rico (US)	9	3.5	3,860	San Juan	7,800
Qatar	11	4.2	697	Doha	11,600
Réunion (France)	2.5	0.97	705	Saint-Denis	4,500

Country/Territory	Area (1,000 sq km)	Area (1,000 sq mls)	Population (1,000s)	Capital City	Annual Income US\$
Romania	238	92	22,396	Bucharest	1,420
Russia	17,075	6,592	146,861	Moscow	2,740
Rwanda	26.3	10.2	7,956	Kigali	210
St Lucia	0.62	0.24	150	Castries	3,500
St Vincent & Grenadines	0.39	0.15	120	Kingstown	2,370
São Tomé & Príncipe	0.96	0.37	150	São Tomé	330
Saudi Arabia	2,150	830	20,786	Riyadh	6,790
Senegal	197	76	9,723	Dakar	550
Sierra Leone	71.7	27.7	5,080	Freetown	200
Singapore	0.62	0.24	3,490	Singapore	32,940
Slovak Republic	49	18.9	5,393	Bratislava	3,700
Slovenia	20.3	7.8	1,972	Ljubljana	9,680
Solomon Is.	28.9	11.2	441	Honiara	900
Somalia	638	246	6,842	Mogadishu	500
South Africa	1,220	471	42,835	C. Town/Pretoria/ Bloemfontein	3,400
Spain	505	195	39,134	Madrid	14,510
Sri Lanka	65.6	25.3	18,934	Colombo	800
Sudan	2,506	967	33,551	Khartoum	800
Surinam	163	63	427	Paramaribo	1,000
Swaziland	17.4	6.7	966	Mbabane	1,210
Sweden	450	174	8,887	Stockholm	26,220
Switzerland	41.3	15.9	7,260	Bern	44,220
Syria	185	71	16,673	Damascus	1,150
Taiwan	36	13.9	21,908	Taipei	12,400
Tajikistan	143.1	55.2	6,020	Dushanbe	330
Tanzania	945	365	30,609	Dodoma	210
Thailand	513	198	60,037	Bangkok	2,800
Togo	56.8	21.9	4,906	Lomé	330
Trinidad & Tobago	5.1	2	1,117	Port of Spain	4,230
Tunisia	164	63	9,380	Tunis	2,090
Turkey	779	301	64,568	Ankara	3,130
Turkmenistan	488.1	188.5	4,298	Ashkhabad	630
Uganda	236	91	22,167	Kampala	320
Ukraine	603.7	233.1	50,125	Kiev	1,040
United Arab Emirates	83.6	32.3	2,303	Abu Dhabi	17,360
United Kingdom	243.3	94	58,970	London	20,710
United States of America	9,373	3,619	270,290	Washington, DC	28,740
Uruguay	177	68	3,285	Montevideo	6,020
Uzbekistan	447.4	172.7	23,784	Tashkent	1,010
Vanuatu	12.2	4.7	185	Port-Vila	1,290
Venezuela	912	352	22,803	Caracas	3,450
Vietnam	332	127	76,236	Hanoi	320
Virgin Is. (US)	0.34	0.13	118	Charlotte Amalie	12,000
Western Sahara	266	103	280	El Aaiún	300
Western Samoa	2.8	1.1	224	Apia	1,170
Yemen	528	204	16,388	Sana	270
Yugoslavia	102.3	39.5	10,500	Belgrade	2,000
Zambia	753	291	9,461	Lusaka	380
Zimbabwe	391	151	11,044	Harare	750

World Statistics – Cities

Listed below are all the cities with more than 600,000 inhabitants (only cities with more than 1 million inhabitants are included for Brazil, China and India). The figures are taken from the most recent censuses and surveys, and are in thousands. As far as possible the figures are for the metropolitan area, e.g. greater New York or Mexico City.

Population (1,000s)	Population (1,000s)	Population (1,000s)	Population (1,000s)
Afghanistan	Ottawa–Hull 1,022	Dominican Republic	Vishakhapatnam 1,052
Kabul 1,565	Edmonton 885	Santo Domingo 2,135	Varanasi 1,026
Algeria	Calgary 831	Santiago 691	Ludhiana 1,012
Algiers 2,168	Québec 693	Ecuador	Indonesia
Oran 916	Winnipeg 677	Guayaquil 1,973	Jakarta 11,500
Angola	Hamilton 643	Quito 1,487	Surabaya 2,701
Luanda 2,418	Chile	Egypt	Bandung 2,368
Argentina	Santiago 5,067	Cairo 9,900	Medan 1,910
Buenos Aires 11,256	China	Alexandria 3,431	Semarang 1,366
Córdoba 1,208	Shanghai 15,082	El Giza 2,144	Palembang 1,352
Rosario 1,118	Beijing 12,362	Shubra el Kheima 834	Tangerang 1,198
Mendoza 773	Tianjin 10,687	El Salvador	Ujung Pandang 1,092
La Plata 642	Hong Kong (SAR)* ... 6,502	San Salvador 1,522	Bandar Lampung 832
San Miguel de	Chongqing 3,870	Ethiopia	Malang 763
Tucumán 622	Shenyang 3,860	Addis Ababa 2,112	Padang 721
Armenia	Wuhan 3,520	France	Iran
Yerevan 1,248	Guangzhou 3,114	Paris 9,319	Tehran 6,750
Australia	Harbin 2,505	Lyon 1,262	Mashhad 1,964
Sydney 3,770	Nanjing 2,211	Marseille 1,087	Esfahan 1,221
Melbourne 3,217	Xi'an 2,115	Lille 959	Tabriz 1,166
Brisbane 1,489	Chengdu 1,933	Bordeaux 696	Shiraz 1,043
Perth 1,262	Dalian 1,855	Toulouse 650	Ahvaz 828
Adelaide 1,080	Changchun 1,810	Georgia	Qom 780
Austria	Jinan 1,660	Tbilisi 1,300	Bakhtaran 666
Vienna 1,595	Taiyuan 1,642	Germany	Iraq
Azerbaijan	Qingdao 1,584	Berlin 3,470	Baghdad 3,841
Baku 1,720	Fuzhou, Fujian 1,380	Hamburg 1,706	Diyala 961
Bangladesh	Zibo 1,346	Munich 1,240	As Sulaymaniyah 952
Dhaka 6,105	Zhengzhou 1,324	Cologne 964	Arbil 770
Chittagong 2,041	Lanzhou 1,296	Frankfurt 651	Al Mawsil 664
Khulna 877	Anshan 1,252	Essen 616	Ireland
Belarus	Fushun 1,246	Dortmund 600	Dublin 952
Minsk 1,700	Kunming 1,242	Ghana	Israel
Belgium	Changsha 1,198	Accra 949	Tel Aviv–Yafo 1,502
Brussels 948	Hangzhou 1,185	Greece	Italy
Bolivia	Nanchang 1,169	Athens 3,097	Rome 2,775
La Paz 1,126	Shijiazhuang 1,159	Guatemala	Milan 1,369
Santa Cruz 767	Guiyang 1,131	Guatemala 1,167	Naples 1,067
Brazil	Ürümqi 1,130	Guinea	Turin 962
São Paulo 16,417	Jilin 1,118	Conakry 1,508	Palermo 698
Rio de Janeiro 9,888	Tangshan 1,110	Haiti	Genoa 678
Salvador 2,211	Qiqihar 1,104	Port-au-Prince 1,255	Ivory Coast
Belo Horizonte 2,091	Baotou 1,033	Honduras	(Côte d'Ivoire)
Fortaleza 1,965	Hefei 1,000	Tegucigalpa 813	Abidjan 2,500
Brasília 1,821	Colombia	Hungary	Jamaica
Curitiba 1,476	Bogotá 6,004	Budapest 1,885	Kingston 644
Recife 1,346	Cali 1,985	India	Japan
Pôrto Alegre 1,288	Medellin 1,970	Bombay (Mumbai) ... 12,572	Tokyo–
Manaus 1,157	Barranquilla 1,157	Calcutta 10,916	Yokohama 26,836
Belém 1,144	Cartagena 812	Delhi 7,207	Osaka 10,601
Goiânia 1,004	Congo	Madras (Chennai) ... 5,361	Nagoya 2,152
Bulgaria	Brazzaville 937	Hyderabad 4,280	Sapporo 1,757
Sofia 1,116	Congo (Zaire)	Bangalore 4,087	Kyoto 1,464
Burkina Faso	Kinshasa 1,655	Ahmadabad 3,298	Kobe 1,424
Ouagadougou 690	Lubumbashi 851	Pune 2,485	Fukuoka 1,285
Burma (Myanmar)	Mbuji-Mayi 806	Kanpur 2,111	Kawasaki 1,203
Rangoon 2,513	Costa Rica	Nagpur 1,661	Hiroshima 1,109
Cambodia	San José 1,220	Lucknow 1,642	Kitakyushu 1,020
Phnom Penh 920	Croatia	Surat 1,517	Sendai 971
Cameroon	Zagreb 931	Jaipur 1,514	Chiba 857
Douala 1,200	Cuba	Coimbatore 1,136	Sakai 803
Yaoundé 800	Havana 2,241	Vadodara 1,115	Kumamoto 650
Canada	Czech Republic	Indore 1,104	Okayama 616
Toronto 4,344	Prague 1,209	Patna 1,099	Jordan
Montréal 3,337	Denmark	Madurai 1,094	Amman 1,300
Vancouver 1,831	Copenhagen 1,362	Bhopal 1,064	Az-Zarqā 609

Population (1,000s)	Population (1,000s)	Population (1,000s)	Population (1,000s)
Kazakstan	Pakistan	West Rand 870	Sheffield 661
Almaty 1,150	Karachi 9,863	Port Elizabeth 853	Nottingham 649
Kenya	Lahore 5,085	Vanderbijlpark–	Newcastle 617
Nairobi 2,000	Faisalabad 1,875	Vereeniging 774	United States
Mombasa 600	Peshawar 1,676	Spain	New York 16,329
Korea, North	Gujranwala 1,663	Madrid 3,029	Los Angeles 12,410
Pyöngyang 2,639	Rawalpindi 1,290	Barcelona 1,614	Chicago 7,668
Hamhung 775	Multan 1,257	Valencia 763	Philadelphia 4,949
Chöngjin 754	Hyderabad 1,107	Sevilla 719	Washington, DC 4,466
Chinnampo 691	Paraguay	Zaragoza 607	Detroit 4,307
Korea, South	Asunción 945	Sri Lanka	Houston 3,653
Seoul 11,641	Peru	Colombo 1,863	Atlanta 3,331
Pusan 3,814	Lima–Callao 6,601	Sudan	Boston 3,240
Taegu 2,449	Callao 638	Nyala 1,267	Dallas 2,898
Inchon 2,308	Arequipa 620	Khartoum 925	Minneapolis–St Paul 2,688
Taejön 1,272	Philippines	Sharg el Nil 879	San Diego 2,632
Kwangju 1,258	Manila 9,280	Sweden	St Louis 2,536
Ulsan 967	Quezon City 1,989	Stockholm 1,744	Phoenix 2,473
Söngnam 869	Davao 1,191	Göteborg 775	Baltimore 2,458
Puch'on 779	Caloocan 1,023	Switzerland	Pittsburgh 2,402
Suwön 756	Cebu 662	Zürich 1,175	Cleveland 2,222
Latvia	Poland	Bern 942	San Francisco 2,182
Riga 846	Warsaw 1,638	Syria	Seattle 2,180
Lebanon	Lódz 825	Aleppo 1,591	Tampa 2,157
Beirut 1,900	Kraków 745	Damascus 1,549	Miami 2,025
Libya	Wrocław 642	Homs 644	Newark 1,934
Tripoli 1,083	Portugal	Taiwan	Denver 1,796
Madagascar	Lisbon 2,561	Taipei 2,653	Portland (Or.) 1,676
Antananarivo 1,053	Oporto 1,174	Kaohsiung 1,405	Kansas City (Mo.) 1,647
Malaysia	Romania	Taichung 817	Cincinnati 1,581
Kuala Lumpur 1,145	Bucharest 2,060	Tainan 700	San Jose 1,557
Mali	Russia	Tanzania	Norfolk 1,529
Bamako 800	Moscow 9,233	Dar-es-Salaam 1,361	Indianapolis 1,462
Mauritania	St Petersburg 4,883	Thailand	Milwaukee 1,456
Nouakchott 735	Nizhnyi Novgorod 1,425	Bangkok 5,572	Sacramento 1,441
Mexico	Novosibirsk 1,400	Togo	San Antonio 1,437
Mexico City 15,048	Yekaterinburg 1,300	Lomé 590	Columbus (Oh.) 1,423
Guadalajara 2,847	Samara 1,200	Tunisia	New Orleans 1,309
Monterrey 2,522	Omsk 1,200	Tunis 1,827	Charlotte 1,260
Puebla 1,055	Chelyabinsk 1,100	Turkey	Buffalo 1,189
León 872	Kazan 1,100	Istanbul 7,490	Salt Lake City 1,178
Ciudad Juárez 798	Ufa 1,100	Ankara 3,028	Hartford 1,151
Tijuana 743	Volgograd 1,003	Izmir 2,333	Oklahoma 1,007
Culiacán Rosales 602	Perm 1,000	Adana 1,472	Jacksonville (Fl.) 665
Mexicali 602	Rostov 1,000	Bursa 1,317	Omaha 663
Moldova	Voronezh 908	Konya 1,040	Memphis 614
Chişinău 700	Saratov 895	Gaziantep 930	Uruguay
Mongolia	Krasnoyarsk 869	Icel 908	Montevideo 1,378
Ulan Bator 627	Togliatti 689	Antalya 734	Uzbekistan
Morocco	Simbirsk 678	Diyarbakir 677	Tashkent 2,107
Casablanca 3,079	Izhevsk 654	Kocaeli 661	Venezuela
Rabat–Salé 1,344	Krasnodar 645	Urfa 649	Caracas 2,784
Fès 735	Vladivostok 632	Kayseri 648	Maracaibo 1,364
Marrakesh 621	Yaroslavl 629	Manisa 641	Valencia 1,032
Mozambique	Khabarovsk 618	Uganda	Maracay 800
Maputo 2,000	Saudi Arabia	Kampala 773	Barquisimeto 745
Netherlands	Riyadh 1,800	Ukraine	Vietnam
Amsterdam 1,101	Jedda 1,500	Kiev 2,630	Ho Chi Minh City 4,322
Rotterdam 1,076	Mecca 630	Kharkiv 1,555	Hanoi 3,056
The Hague 694	Senegal	Dnipropetrovsk 1,147	Haiphong 783
New Zealand	Dakar 1,571	Donetsk 1,088	Yemen
Auckland 997	Singapore	Odesa 1,046	Sana 972
Nicaragua	Singapore 3,104	Zaporizhzhya 887	Yugoslavia
Managua 864	Somalia	Lviv 802	Belgrade 1,137
Nigeria	Mogadishu 1,000	Kryvyi Rih 720	Zambia
Lagos 10,287	South Africa	United Kingdom	Lusaka 982
Ibadan 1,365	Cape Town 2,350	London 8,089	Zimbabwe
Ogbomosho 712	East Rand 1,379	Birmingham 2,373	Harare 1,189
Kano 657	Johannesburg 1,196	Manchester 2,353	Bulawayo 622
Norway	Durban 1,137	Liverpool 852	
Oslo 714	Pretoria 1,080	Glasgow 832	

* SAR = Special Administrative Region of China

World Statistics – Physical

Under each subject heading, the statistics are listed by continent. The figures are in size order beginning with the largest, longest or deepest, and are rounded as appropriate. Both metric and imperial measurements are given. The lists are complete down to the > mark; below this mark they are selective.

Land and Water

	km ²	miles ²	%
The World	509,450,000	196,672,000	—
Land	149,450,000	57,688,000	29.3
Water	360,000,000	138,984,000	70.7
Asia	44,500,000	17,177,000	29.8
Africa	30,302,000	11,697,000	20.3
North America	24,241,000	9,357,000	16.2
South America	17,793,000	6,868,000	11.9
Antarctica	14,100,000	5,443,000	9.4
Europe	9,957,000	3,843,000	6.7
Australia & Oceania	8,557,000	3,303,000	5.7
Pacific Ocean	179,679,000	69,356,000	49.9
Atlantic Ocean	92,373,000	35,657,000	25.7
Indian Ocean	73,917,000	28,532,000	20.5
Arctic Ocean	14,090,000	5,439,000	3.9

Seas

Pacific Ocean	km ²	miles ²
South China Sea	2,974,600	1,148,500
Bering Sea	2,268,000	875,000
Sea of Okhotsk	1,528,000	590,000
East China & Yellow	1,249,000	482,000
Sea of Japan	1,008,000	389,000
Gulf of California	162,000	62,500
Bass Strait	75,000	29,000

Atlantic Ocean	km ²	miles ²
Caribbean Sea	2,766,000	1,068,000
Mediterranean Sea	2,516,000	971,000
Gulf of Mexico	1,543,000	596,000
Hudson Bay	1,232,000	476,000
North Sea	575,000	223,000
Black Sea	462,000	178,000
Baltic Sea	422,170	163,000
Gulf of St Lawrence	238,000	92,000

Indian Ocean	km ²	miles ²
Red Sea	438,000	169,000
The Gulf	239,000	92,000

Mountains

Europe		m	ft
Elbrus	Russia	5,642	18,510
Mont Blanc	France/Italy	4,807	15,771
Monte Rosa	Italy/Switzerland	4,634	15,203
Dom	Switzerland	4,545	14,911
Liskamm	Switzerland	4,527	14,852
Weisshorn	Switzerland	4,505	14,780
Taschorn	Switzerland	4,490	14,730
Matterhorn/Cervino	Italy/Switzerland	4,478	14,691
Mont Maudit	France/Italy	4,465	14,649
Dent Blanche	Switzerland	4,356	14,291
> Nadelhorn	Switzerland	4,327	14,196
Grandes Jorasses	France/Italy	4,208	13,806
Jungfrau	Switzerland	4,158	13,642
Barre des Ecrins	France	4,103	13,461
Gran Paradiso	Italy	4,061	13,323
Piz Bernina	Italy/Switzerland	4,049	13,284

Europe (cont.)		m	ft
Eiger	Switzerland	3,970	13,025
Monte Viso	Italy	3,841	12,602
Grossglockner	Austria	3,797	12,457
Wildspitze	Austria	3,772	12,382
Monte Disgrazia	Italy	3,678	12,066
Mulhacén	Spain	3,478	11,411
Pico de Aneto	Spain	3,404	11,168
Marmolada	Italy	3,342	10,964
Etna	Italy	3,340	10,958
Zugspitze	Germany	2,962	9,718
Musala	Bulgaria	2,925	9,596
Olympus	Greece	2,917	9,570
Triglav	Slovenia	2,863	9,393
Monte Cinto	France (Corsica)	2,710	8,891
Gerlachovka	Slovak Republic	2,655	8,711
Torre de Cerrado	Spain	2,648	8,688
Galdhøpiggen	Norway	2,468	8,100
Hvannadalshnúkur	Iceland	2,119	6,952
Kebnekaise	Sweden	2,117	6,946
Ben Nevis	UK	1,343	4,406

Asia		m	ft
Everest	China/Nepal	8,848	29,029
K2 (Godwin Austen)	China/Kashmir	8,611	28,251
Kanchenjunga	India/Nepal	8,598	28,208
Lhotse	China/Nepal	8,516	27,939
Makalu	China/Nepal	8,481	27,824
Cho Oyu	China/Nepal	8,201	26,906
Dhaulagiri	Nepal	8,172	26,811
Manaslu	Nepal	8,156	26,758
Nanga Parbat	Kashmir	8,126	26,660
Annapurna	Nepal	8,078	26,502
Gasherbrum	China/Kashmir	8,068	26,469
Broad Peak	China/Kashmir	8,051	26,414
Xixabangma	China	8,012	26,286
Kangbachen	India/Nepal	7,902	25,925
Jannu	India/Nepal	7,902	25,925
Gayachung Kang	Nepal	7,897	25,909
Himalchuli	Nepal	7,893	25,896
Disteghil Sar	Kashmir	7,885	25,869
Nuptse	Nepal	7,879	25,849
Khunyang Chhish	Kashmir	7,852	25,761
Masherbrum	Kashmir	7,821	25,659
Nanda Devi	India	7,817	25,646
Rakaposhi	Kashmir	7,788	25,551
Batura	Kashmir	7,785	25,541
Namche Barwa	China	7,756	25,446
Kamet	India	7,756	25,446
Solto Kangri	Kashmir	7,742	25,400
Gurla Mandhata	China	7,728	25,354
Trivor	Pakistan	7,720	25,328
> Kongur Shan	China	7,719	25,324
Tirich Mir	Pakistan	7,690	25,229
K'ula Shan	Bhutan/China	7,543	24,747
Pik Kommunizma	Tajikistan	7,495	24,590
Demavend	Iran	5,604	18,386
Ararat	Turkey	5,165	16,945
Gunong Kinabalu	Malaysia (Borneo)	4,101	13,455
Yu Shan	Taiwan	3,997	13,113
Fuji-San	Japan	3,776	12,388

Africa		m	ft
Kilimanjaro	Tanzania	5,895	19,340
Mt Kenya	Kenya	5,199	17,057
Ruwenzori	Uganda/Congo (Zaire)	5,109	16,762
Ras Dashan	Ethiopia	4,620	15,157

Africa (cont.)		m	ft
Meru	Tanzania	4,565	14,977
Karisimbi	Rwanda/Congo (Zaire)	4,507	14,787
Mt Elgon	Kenya/Uganda	4,321	14,176
Batu	Ethiopia	4,307	14,130
Guna	Ethiopia	4,231	13,882
Toubkal	Morocco	4,165	13,665
Irhil Mgoun	Morocco	4,071	13,356
Mt Cameroon	Cameroon	4,070	13,353
Amba Ferit	Ethiopia	3,875	13,042
Pico del Teide	Spain (Tenerife)	3,718	12,198
Thabana Ntlenyana	Lesotho	3,482	11,424
Emi Koussi	Chad	3,415	11,204
Mt aux Sources	Lesotho/South Africa	3,282	10,768
Mt Piton	Réunion	3,069	10,069

Oceania		m	ft
Puncak Jaya	Indonesia	5,029	16,499
Puncak Trikora	Indonesia	4,750	15,584
Puncak Mandala	Indonesia	4,702	15,427
Mt Wilhelm	Papua New Guinea	4,508	14,790
Mauna Kea	USA (Hawaii)	4,205	13,796
Mauna Loa	USA (Hawaii)	4,170	13,681
Mt Cook (Aoraki)	New Zealand	3,753	12,313
Mt Balbi	Solomon Is.	2,439	8,002
Orohena	Tahiti	2,241	7,352
Mt Kosciuszko	Australia	2,237	7,339

North America		m	ft
Mt McKinley (Denali)	USA (Alaska)	6,194	20,321
Mt Logan	Canada	5,959	19,551
Citlaltepetl	Mexico	5,700	18,701
Mt St Elias	USA/Canada	5,489	18,008
Popocatepetl	Mexico	5,452	17,887
Mt Foraker	USA (Alaska)	5,304	17,401
Ixtaccihuatl	Mexico	5,286	17,342
Lucania	Canada	5,227	17,149
Mt Steele	Canada	5,073	16,644
Mt Bona	USA (Alaska)	5,005	16,420
Mt Blackburn	USA (Alaska)	4,996	16,391
Mt Sanford	USA (Alaska)	4,940	16,207
Mt Wood	Canada	4,848	15,905
Nevado de Toluca	Mexico	4,670	15,321
Mt Fairweather	USA (Alaska)	4,663	15,298
Mt Hunter	USA (Alaska)	4,442	14,573
Mt Whitney	USA	4,418	14,495
Mt Elbert	USA	4,399	14,432
Mt Harvard	USA	4,395	14,419
Mt Rainier	USA	4,392	14,409
Blanca Peak	USA	4,372	14,344
Longs Peak	USA	4,345	14,255
Tajumulco	Guatemala	4,220	13,845
Grand Teton	USA	4,197	13,770
Mt Waddington	Canada	3,994	13,104
Mt Robson	Canada	3,954	12,972
Chirripó Grande	Costa Rica	3,837	12,589
Mt Assiniboine	Canada	3,619	11,873
Pico Duarte	Dominican Rep.	3,175	10,417

South America		m	ft
Aconcagua	Argentina	6,960	22,834
Bonete	Argentina	6,872	22,546
Ojos del Salado	Argentina/Chile	6,863	22,516
Pissis	Argentina	6,779	22,241
Mercedario	Argentina/Chile	6,770	22,211
Huascaran	Peru	6,768	22,204
Llullailaco	Argentina/Chile	6,723	22,057
Nudo de Cachi	Argentina	6,720	22,047
Yerupaja	Peru	6,632	21,758
N. de Tres Cruces	Argentina/Chile	6,620	21,719
Incahuasi	Argentina/Chile	6,601	21,654
Cerro Galan	Argentina	6,600	21,654
Tupungato	Argentina/Chile	6,570	21,555

South America (cont.)		m	ft
Sajama	Bolivia	6,542	21,463
Illimani	Bolivia	6,485	21,276
Coropuna	Peru	6,425	21,079
Ausangate	Peru	6,384	20,945
Cerro del Toro	Argentina	6,380	20,932
Siula Grande	Peru	6,356	20,853
Chimborazo	Ecuador	6,267	20,561
Cotapaxi	Ecuador	5,896	19,344
Pico Colon	Colombia	5,800	19,029
Pico Bolivar	Venezuela	5,007	16,427

Antarctica		m	ft
Vinson Massif		4,897	16,066
Mt Kirkpatrick		4,528	14,855
Mt Markham		4,349	14,268

Ocean Depths

Atlantic Ocean		m	ft
Puerto Rico (Milwaukee) Deep		9,220	30,249
Cayman Trench		7,680	25,197
Gulf of Mexico		5,203	17,070
Mediterranean Sea		5,121	16,801
Black Sea		2,211	7,254
North Sea		660	2,165
Baltic Sea		463	1,519

Indian Ocean		m	ft
Java Trench		7,450	24,442
Red Sea		2,635	8,454
Persian Gulf		73	239

Pacific Ocean		m	ft
Mariana Trench		11,022	36,161
Tonga Trench		10,882	35,702
Japan Trench		10,554	34,626
Kuril Trench		10,542	34,587
Mindanao Trench		10,497	34,439
Kermadec Trench		10,047	32,962
New Guinea Trench		9,140	29,987
Peru–Chile Trench		8,050	26,410

Antarctica		m	ft
Molloy Deep		5,608	18,399

Land Lows

		m	ft
Dead Sea	Asia	–403	–1,322
Lake Assal	Africa	–156	–512
Death Valley	North America	–86	–282
Valdés Peninsula	South America	–40	–131
Caspian Sea	Europe	–28	–92
Lake Eyre North	Oceania	–16	–52

Rivers

Europe		km	miles
Volga	Caspian Sea	3,700	2,300
Danube	Black Sea	2,850	1,770
Ural	Caspian Sea	2,535	1,575
Dnepr (Dnipro)	Black Sea	2,285	1,420
Kama	Volga	2,030	1,260
Don	Black Sea	1,990	1,240
Petchora	Arctic Ocean	1,790	1,110
Oka	Volga	1,480	920
Belaya	Kama	1,420	880

World Statistics – Physical

Europe (cont.)		km	miles
Dnister (Dniester)	Black Sea	1,400	870
Vyatka	Kama	1,370	850
Rhine	North Sea	1,320	820
North Dvina	Arctic Ocean	1,290	800
Desna	Dnepr (Dnipro)	1,190	740
Elbe	North Sea	1,145	710
> Wisla	Baltic Sea	1,090	675
Loire	Atlantic Ocean	1,020	635
West Dvina	Baltic Sea	1,019	633

Asia		km	miles
Yangtze	Pacific Ocean	6,380	3,960
Yenisey–Angara	Arctic Ocean	5,550	3,445
Huang He	Pacific Ocean	5,464	3,395
Ob–Irtys	Arctic Ocean	5,410	3,360
Mekong	Pacific Ocean	4,500	2,795
Amur	Pacific Ocean	4,400	2,730
Lena	Arctic Ocean	4,400	2,730
Irtys	Ob	4,250	2,640
Yenisey	Arctic Ocean	4,090	2,540
Ob	Arctic Ocean	3,680	2,285
Indus	Indian Ocean	3,100	1,925
Brahmaputra	Indian Ocean	2,900	1,800
Syrdarya	Aral Sea	2,860	1,775
Salween	Indian Ocean	2,800	1,740
Euphrates	Indian Ocean	2,700	1,675
Vilyuy	Lena	2,650	1,645
Kolyma	Arctic Ocean	2,600	1,615
Amudarya	Aral Sea	2,540	1,575
Ural	Caspian Sea	2,535	1,575
> Ganges	Indian Ocean	2,510	1,560
Si Kiang	Pacific Ocean	2,100	1,305
Irrawaddy	Indian Ocean	2,010	1,250
Tarim–Yarkand	Lop Nor	2,000	1,240
Tigris	Indian Ocean	1,900	1,180
Angara	Yenisey	1,830	1,135
Godavari	Indian Ocean	1,470	915
Sutlej	Indian Ocean	1,450	900
Yamuna	Indian Ocean	1,400	870

Africa		km	miles
Nile	Mediterranean	6,670	4,140
Congo	Atlantic Ocean	4,670	2,900
Niger	Atlantic Ocean	4,180	2,595
Zambezi	Indian Ocean	3,540	2,200
Oubangi/Uele	Congo (Zaire)	2,250	1,400
Kasai	Congo (Zaire)	1,950	1,210
Shabelle	Indian Ocean	1,930	1,200
Orange	Atlantic Ocean	1,860	1,155
Cubango	Okavango Swamps	1,800	1,120
> Limpopo	Indian Ocean	1,600	995
Senegal	Atlantic Ocean	1,600	995
Volta	Atlantic Ocean	1,500	930
Benue	Niger	1,350	840

Australia		km	miles
Murray–Darling	Indian Ocean	3,750	2,330
Darling	Murray	3,070	1,905
Murray	Indian Ocean	2,575	1,600
Murrumbidgee	Murray	1,690	1,050

North America		km	miles
Mississippi–Missouri	Gulf of Mexico	6,020	3,740
Mackenzie	Arctic Ocean	4,240	2,630
Mississippi	Gulf of Mexico	3,780	2,350
Missouri	Mississippi	3,780	2,350
Yukon	Pacific Ocean	3,185	1,980
Rio Grande	Gulf of Mexico	3,030	1,880
Arkansas	Mississippi	2,340	1,450
Colorado	Pacific Ocean	2,330	1,445
Red	Mississippi	2,040	1,270

North America (cont.)		km	miles
Saskatchewan	Lake Winnipeg	1,940	1,205
Snake	Columbia	1,670	1,040
Churchill	Hudson Bay	1,600	990
Ohio	Mississippi	1,580	980
Brazos	Gulf of Mexico	1,400	870
> St Lawrence	Atlantic Ocean	1,170	730

South America		km	miles
Amazon	Atlantic Ocean	6,450	4,010
Paraná–Plate	Atlantic Ocean	4,500	2,800
Purus	Amazon	3,350	2,080
Madeira	Amazon	3,200	1,990
São Francisco	Atlantic Ocean	2,900	1,800
Paraná	Plate	2,800	1,740
Tocantins	Atlantic Ocean	2,750	1,710
Paraguay	Paraná	2,550	1,580
Orinoco	Atlantic Ocean	2,500	1,550
Pilcomayo	Paraná	2,500	1,550
Araguaia	Tocantins	2,250	1,400
Juruá	Amazon	2,000	1,240
Xingu	Amazon	1,980	1,230
Ucayali	Amazon	1,900	1,180
Marañón	Amazon	1,600	990
> Uruguay	Plate	1,600	990
Magdalena	Caribbean Sea	1,540	960

Lakes

Europe		km	miles
Lake Ladoga	Russia	17,700	6,800
Lake Onega	Russia	9,700	3,700
Saimaa system	Finland	8,000	3,100
Vänern	Sweden	5,500	2,100
Rybinskoye Reservoir	Russia	4,700	1,800

Asia		km	miles
Caspian Sea	Asia	371,800	143,550
Lake Baykal	Russia	30,500	11,780
Aral Sea	Kazak/Uzbek.	28,687	11,086
Tonlé Sap	Cambodia	20,000	7,700
> Lake Balqash	Kazakstan	18,500	7,100
Lake Dongting	China	12,000	4,600
Lake Ysyk	Kyrgyzstan	6,200	2,400
Lake Orumiyeh	Iran	5,900	2,300
Lake Koko	China	5,700	2,200
Lake Poyang	China	5,000	1,900
Lake Khanka	China/Russia	4,400	1,700
Lake Van	Turkey	3,500	1,400
Lake Ubsa	China	3,400	1,300

Africa		km	miles
Lake Victoria	East Africa	68,000	26,000
Lake Tanganyika	Central Africa	33,000	13,000
Lake Malawi/Nyasa	East Africa	29,600	11,430
Lake Chad	Central Africa	25,000	9,700
Lake Turkana	Ethiopia/Kenya	8,500	3,300
Lake Volta	Ghana	8,500	3,300
Lake Bangweulu	Zambia	8,000	3,100
Lake Rukwa	Tanzania	7,000	2,700
Lake Mai-Ndombe	Congo (Zaire)	6,500	2,500
> Lake Kariba	Zambia/Zimbabwe	5,300	2,000
Lake Mobutu	Uganda/Congo (Zaire)	5,300	2,000
Lake Nasser	Egypt/Sudan	5,200	2,000
Lake Mweru	Zambia/Congo (Zaire)	4,900	1,900
Lake Cabora Bassa	Mozambique	4,500	1,700
Lake Kyoga	Uganda	4,400	1,700
Lake Tana	Ethiopia	3,630	1,400
Lake Kivu	Rwanda/Congo (Zaire)	2,650	1,000
Lake Edward	Uganda/Congo (Zaire)	2,200	850

Australia		km ²	miles ²
Lake Eyre	Australia	8,900	3,400
Lake Torrens	Australia	5,800	2,200
Lake Gairdner	Australia	4,800	1,900

North America		km ²	miles ²
Lake Superior	Canada/USA	82,350	31,800
Lake Huron	Canada/USA	59,600	23,010
Lake Michigan	USA	58,000	22,400
Great Bear Lake	Canada	31,800	12,280
Great Slave Lake	Canada	28,500	11,000
Lake Erie	Canada/USA	25,700	9,900
Lake Winnipeg	Canada	24,400	9,400
Lake Ontario	Canada/USA	19,500	7,500
Lake Nicaragua	Nicaragua	8,200	3,200
Lake Athabasca	Canada	8,100	3,100
> Smallwood Reservoir	Canada	6,530	2,520
Reindeer Lake	Canada	6,400	2,500
Nettilling Lake	Canada	5,500	2,100
Lake Winnipegosis	Canada	5,400	2,100
Lake Nipigon	Canada	4,850	1,900
Lake Manitoba	Canada	4,700	1,800

South America		km ²	miles ²
Lake Titicaca	Bolivia/Peru	8,300	3,200
Lake Poopo	Peru	2,800	1,100

Islands

Europe		km ²	miles ²
Great Britain	UK	229,880	88,700
Iceland	Atlantic Ocean	103,000	39,800
Ireland	Ireland/UK	84,400	32,600
Novaya Zemlya (North)	Russia	48,200	18,600
West Spitzbergen	Norway	39,000	15,100
Novaya Zemlya (South)	Russia	33,200	12,800
Sicily	Italy	25,500	9,800
Sardinia	Italy	24,000	9,300
North-east Spitzbergen	Norway	15,000	5,600
Corsica	France	8,700	3,400
Crete	Greece	8,350	3,200
Zealand	Denmark	6,850	2,600

Asia		km ²	miles ²
Borneo	South-east Asia	744,360	287,400
Sumatra	Indonesia	473,600	182,860
Honshu	Japan	230,500	88,980
Sulawesi (Celebes)	Indonesia	189,000	73,000
Java	Indonesia	126,700	48,900
Luzon	Philippines	104,700	40,400
Mindanao	Philippines	101,500	39,200
Hokkaido	Japan	78,400	30,300
Sakhalin	Russia	74,060	28,600
Sri Lanka	Indian Ocean	65,600	25,300
Taiwan	Pacific Ocean	36,000	13,900
Kyushu	Japan	35,700	13,800
Hainan	China	34,000	13,100
Timor	Indonesia	33,600	13,000
Shikoku	Japan	18,800	7,300
Halmahera	Indonesia	18,000	6,900
Ceram	Indonesia	17,150	6,600
Sumbawa	Indonesia	15,450	6,000
Flores	Indonesia	15,200	5,900
Samar	Philippines	13,100	5,100
> Negros	Philippines	12,700	4,900
Bangka	Indonesia	12,000	4,600
Palawan	Philippines	12,000	4,600
Panay	Philippines	11,500	4,400
Sumba	Indonesia	11,100	4,300
Mindoro	Philippines	9,750	3,800

Asia (cont.)		km ²	miles ²
Buru	Indonesia	9,500	3,700
Bali	Indonesia	5,600	2,200
Cyprus	Mediterranean	3,570	1,400

Africa		km ²	miles ²
Madagascar	Indian Ocean	587,040	226,660
Socotra	Indian Ocean	3,600	1,400
Réunion	Indian Ocean	2,500	965
Tenerife	Atlantic Ocean	2,350	900
Mauritius	Indian Ocean	1,865	720

Oceania		km ²	miles ²
New Guinea	Indon./Papua NG	821,030	317,000
New Zealand (South)	New Zealand	150,500	58,100
New Zealand (North)	New Zealand	114,700	44,300
Tasmania	Australia	67,800	26,200
New Britain	Papua NG	37,800	14,600
New Caledonia	Pacific Ocean	19,100	7,400
Viti Levu	Fiji	10,500	4,100
Hawaii	Pacific Ocean	10,450	4,000
Bougainville	Papua NG	9,600	3,700
Guadalcanal	Solomon Is.	6,500	2,500
> Vanua Levu	Fiji	5,550	2,100
> New Ireland	Papua NG	3,200	1,200

North America		km ²	miles ²
Greenland	Greenland	2,175,600	839,800
Baffin Is.	Canada	508,000	196,100
Victoria Is.	Canada	212,200	81,900
Ellesmere Is.	Canada	212,000	81,800
Cuba	Cuba	110,860	42,800
Newfoundland	Canada	110,680	42,700
Hispaniola	Atlantic Ocean	76,200	29,400
Banks Is.	Canada	67,000	25,900
Devon Is.	Canada	54,500	21,000
> Melville Is.	Canada	42,400	16,400
> Vancouver Is.	Canada	32,150	12,400
Somerset Is.	Canada	24,300	9,400
Jamaica	Caribbean Sea	11,400	4,400
Puerto Rico	Atlantic Ocean	8,900	3,400
Cape Breton Is.	Canada	4,000	1,500

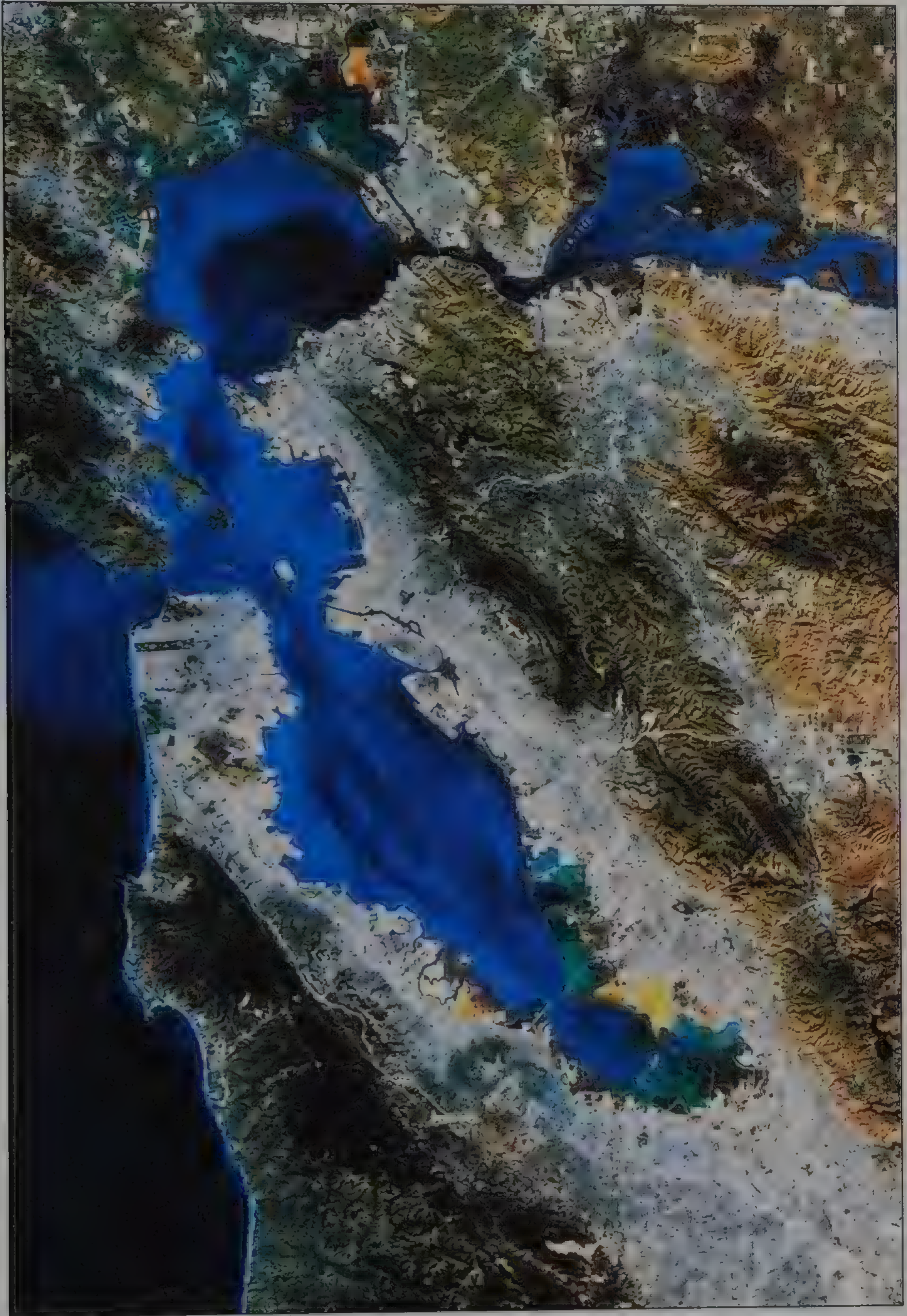
South America		km ²	miles ²
Tierra del Fuego	Argentina/Chile	47,000	18,100
Falkland Is. (East)	Atlantic Ocean	6,800	2,600
South Georgia	Atlantic Ocean	4,200	1,600
Galapagos (Isabela)	Pacific Ocean	2,250	870

World Statistics – Climate

For each city, the top row of figures shows total rainfall in millimetres; the bottom row shows the average temperature in ° Celsius or centigrade. The total annual rainfall and average annual temperature are given at the end of the rows.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Europe													
Berlin, Germany	46	40	33	42	49	65	73	69	68	49	46	43	603
Altitude 55 metres	1	0	4	9	14	17	19	18	15	9	5	1	9
London, UK	54	40	37	37	46	45	57	59	49	57	64	48	593
5 m	4	5	7	9	12	16	18	17	15	11	8	5	11
Málaga, Spain	61	51	62	46	26	5	1	3	29	64	64	62	474
33 m	12	13	16	17	19	29	25	26	23	20	16	13	18
Moscow, Russia	39	38	36	37	53	58	88	71	58	45	47	54	624
156 m	-13	-10	-4	6	13	16	18	17	12	6	-1	-7	4
Paris, France	56	46	35	42	57	54	59	64	55	50	51	50	619
75 m	3	4	8	11	15	18	20	19	17	12	7	4	12
Rome, Italy	71	62	57	51	46	37	15	21	63	99	129	93	744
17 m	8	9	11	14	18	22	25	25	22	17	13	10	16
Asia													
Bangkok, Thailand	8	20	36	58	198	160	160	175	305	206	66	5	1,397
2 m	26	28	29	30	29	29	28	28	28	28	26	25	28
Bombay (Mumbai), India	3	3	3	<3	18	485	617	340	264	64	13	3	1,809
11 m	24	24	26	28	30	29	27	27	27	28	27	26	27
Ho Chi Minh, Vietnam	15	3	13	43	221	330	315	269	335	269	114	56	1,984
9 m	26	27	29	30	29	28	28	28	27	27	27	26	28
Hong Kong, China	33	46	74	137	292	394	381	361	257	114	43	31	2,162
33 m	16	15	18	22	26	28	28	28	27	25	21	18	23
Tokyo, Japan	48	74	107	135	147	165	142	152	234	208	97	56	1,565
6 m	3	4	7	13	17	21	25	26	23	17	11	6	14
Africa													
Cairo, Egypt	5	5	5	3	3	<3	0	0	<3	<3	3	5	28
116 m	13	15	18	21	25	28	28	28	26	24	20	15	22
Cape Town, South Africa	15	8	18	48	79	84	89	66	43	31	18	10	508
17 m	21	21	20	17	14	13	12	13	14	16	18	19	17
Lagos, Nigeria	28	46	102	150	269	460	279	64	140	206	69	25	1,836
3 m	27	28	29	28	28	26	26	25	26	26	28	28	27
Nairobi, Kenya	38	64	125	211	158	46	15	23	31	53	109	86	958
1,820 m	19	19	19	19	18	16	16	16	18	19	18	18	18
Australia, New Zealand & Antarctica													
Christchurch, New Zealand	56	43	48	48	66	66	69	48	46	43	48	56	638
10 m	16	16	14	12	9	6	6	7	9	12	14	16	11
Darwin, Australia	386	312	254	97	15	3	<3	3	13	51	119	239	1,491
30 m	29	29	29	29	28	26	25	26	28	29	30	29	28
Mawson, Antarctica	11	30	20	10	44	180	4	40	3	20	0	0	362
14 m	0	-5	-10	-14	-15	-16	-18	-18	-19	-13	-5	-1	-11
Sydney, Australia	89	102	127	135	127	117	117	76	73	71	73	73	1,181
42 m	22	22	21	18	15	13	12	13	15	18	19	21	17
North America													
Anchorage, Alaska, USA	20	18	15	10	13	18	41	66	66	56	25	23	371
40 m	-11	-8	-5	2	7	12	14	13	9	2	-5	-11	2
Kingston, Jamaica	23	15	23	31	102	89	38	91	99	180	74	36	800
34 m	25	25	25	26	26	28	28	28	27	27	26	26	26
Los Angeles, USA	79	76	71	25	10	3	<3	<3	5	15	31	66	381
95 m	13	14	14	16	17	19	21	22	21	18	16	14	17
Mexico City, Mexico	13	5	10	20	53	119	170	152	130	51	18	8	747
2,309 m	12	13	16	18	19	19	17	18	18	16	14	13	16
New York, USA	94	97	91	81	81	84	107	109	86	89	76	91	1,092
96 m	-1	-1	3	10	16	20	23	23	21	15	7	2	11
Vancouver, Canada	154	115	101	60	52	45	32	41	67	114	150	182	1,113
14 m	3	5	6	9	12	15	17	17	14	10	6	4	10
South America													
Antofagasta, Chile	0	0	0	<3	<3	3	5	3	<3	3	<3	0	13
94 m	21	21	20	18	16	15	14	14	15	16	18	19	17
Buenos Aires, Argentina	79	71	109	89	76	61	56	61	79	86	84	99	950
27 m	23	23	21	17	13	9	10	11	13	15	19	22	16
Lima, Peru	3	<3	<3	<3	5	5	8	8	8	3	3	<3	41
120 m	23	24	24	22	19	17	17	16	17	18	19	21	20
Rio de Janeiro, Brazil	125	122	130	107	79	53	41	43	66	79	104	137	1,082
61 m	26	26	25	24	22	21	21	21	21	22	23	25	23

The Earth in Focus



> Landsat image of the San Francisco Bay area. The narrow entrance to the bay (crossed by the Golden Gate Bridge) provides an excellent natural harbour. The San Andreas Fault runs parallel to the coastline.

The Universe & Solar System

BETWEEN 10 AND 20 billion (or 10,000 to 20,000 million) years ago, the Universe was created in a huge explosion known as the 'Big Bang'. In the first 10^{-34} of a second the Universe expanded rapidly and the basic forces of nature, radiation and subatomic particles, came into being. The Universe has been expanding ever since. Traces of the original 'fireball' of radiation can still be detected, and most scientists accept the Big Bang theory of the origin of the Universe.

The Nearest Stars ▼	
The 20 nearest stars, excluding the Sun, with their distance from Earth in light-years.*	
Proxima Centauri	4.25
Alpha Centauri A	4.3
Alpha Centauri B	4.3
Barnard's Star	6.0
Wolf 359	7.8
Lalande 21185	8.3
Sirius A	8.7
Sirius B	8.7
UV Ceti A	8.7
UV Ceti B	8.7
Ross 154	9.4
Ross 248	10.3
Epsilon Eridani	10.7
Ross 128	10.9
61 Cygni A	11.1
61 Cygni B	11.1
Epsilon Indi	11.2
Groombridge 34 A	11.2
Groombridge 34 B	11.2
L789-6	11.2
* A light-year equals approximately 9,500 billion km [5,900 billion miles].	



> The Lagoon Nebula is a huge cloud of dust and gas. Hot stars inside the nebula make the gas glow red.

GALAXIES

Almost a million years passed before the Universe cooled sufficiently for atoms to form. When a billion years had passed, the atoms had begun to form protogalaxies, which are masses of gas separated by empty space. Stars began to form within the protogalaxies, as particles were drawn together, producing the high temperatures necessary to bring about nuclear fusion. The formation of the first stars brought about the evolution of the protogalaxies into galaxies proper, each containing billions of stars.

Our Sun is a medium-sized star. It is



PLANETARY DATA

	Mean distance from Sun (million km)	Mass (Earth = 1)	Period of orbit (Earth years)	Period of rotation (Earth days)	Equatorial diameter (km)	Escape velocity (km/sec)	Number of known satellites
Sun	–	332,946	–	25.38	1,392,000	617.5	–
Mercury	58.3	0.06	0.241	58.67	4,878	4.27	0
Venus	107.7	0.8	0.615	243.0	12,104	10.36	0
Earth	149.6	1.0	1.00	0.99	12,756	11.18	1
Mars	227.3	0.1	1.88	1.02	6,787	5.03	2
Jupiter	777.9	317.8	11.86	0.41	142,800	59.60	16
Saturn	1,427.1	95.2	29.46	0.42	120,000	35.50	20
Uranus	2,872.3	14.5	84.01	0.45	51,118	21.30	15
Neptune	4,502.7	17.2	164.79	0.67	49,528	23.3	8
Pluto	5,894.2	0.002	248.54	6.38	2,300	1.1	1

one of the billions of stars that make up the Milky Way galaxy, which is one of the millions of galaxies in the Universe.

THE SOLAR SYSTEM

The Solar System lies towards the edge of the Milky Way galaxy. It consists of the Sun and other bodies, including planets (together with their moons), asteroids, meteoroids, comets, dust and gas, which revolve around it.

The Earth moves through space in three distinct ways. First, with the rest of the Solar System, it moves around the centre of the Milky Way galaxy in an orbit that takes 200 million years.

As the Earth revolves around the Sun once every year, its axis is tilted by about 23.5 degrees. As a result, first the northern and then the southern hemisphere lean towards the Sun at different times of the year, causing the seasons experienced in the mid-latitudes.

The Earth also rotates on its axis every 24 hours, causing day and night. The movements of the Earth in the Solar System determine the calendar. The length of a year – one complete orbit of the Earth around the Sun – is 365 days, 5 hours, 48 minutes and 46 seconds. Leap years prevent the calendar from becoming out of step with the solar year.

> The diagram below shows the planets around the Sun. The sizes of the planets are relative but the distances are not to scale. Closest to the Sun are dense rocky bodies, known as the terrestrial planets. They are Mercury, Venus, Earth and Mars. Jupiter, Saturn, Uranus and Neptune are huge balls of gas. Pluto is a small, icy body.



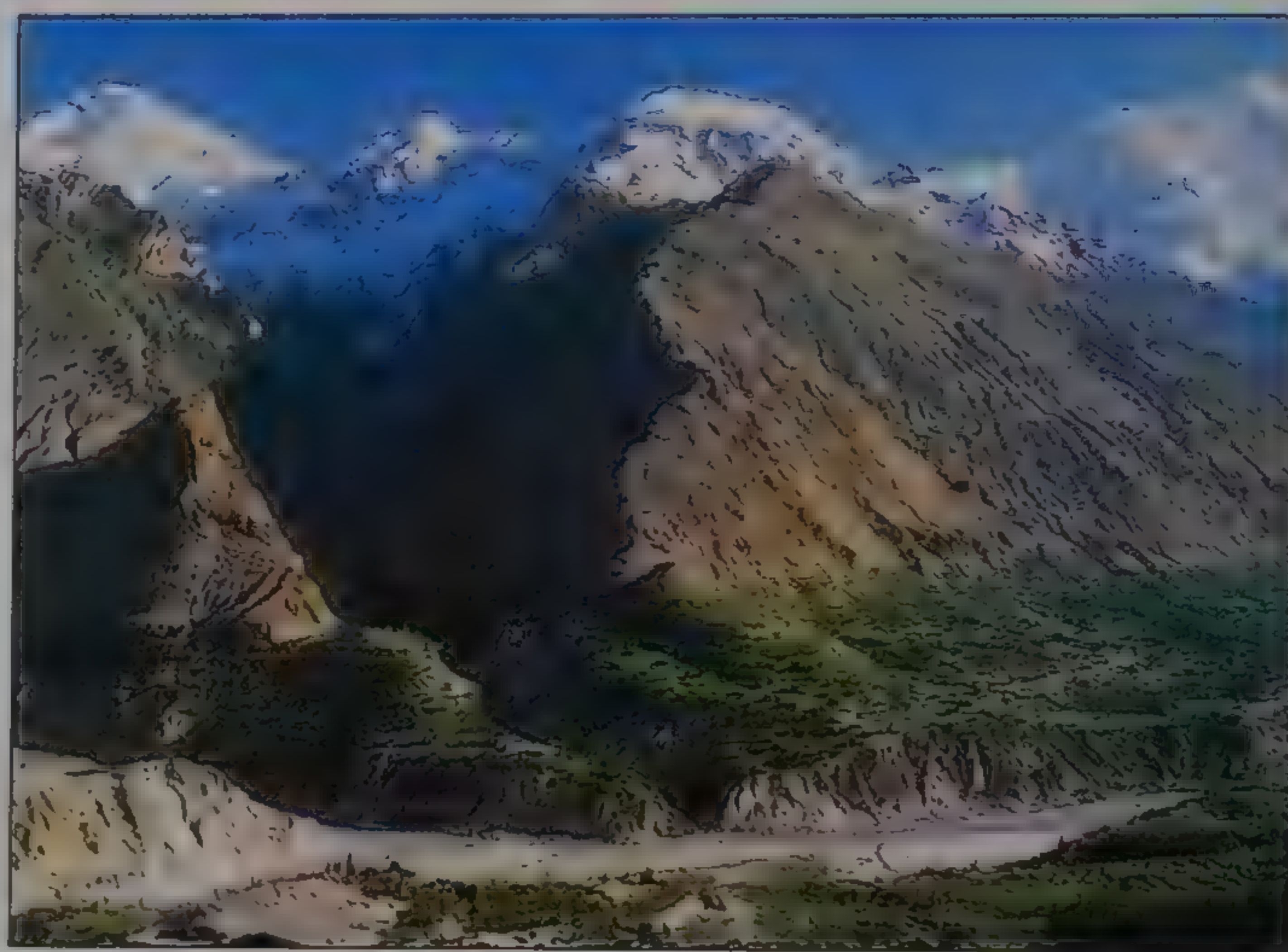
The Changing Earth

THE SOLAR SYSTEM was formed around 4.7 billion years ago, when the Sun, a glowing ball of gases, was created from a rotating disk of dust and gas. The planets were then formed from material left over after the creation of the Sun.

After the Earth formed, around 4.6 billion years ago, lighter elements rose to the hot surface, where they finally cooled to form a hard shell, or crust. Denser elements sank, forming the partly liquid mantle, the liquid outer core, and the solid inner core.

EARTH HISTORY

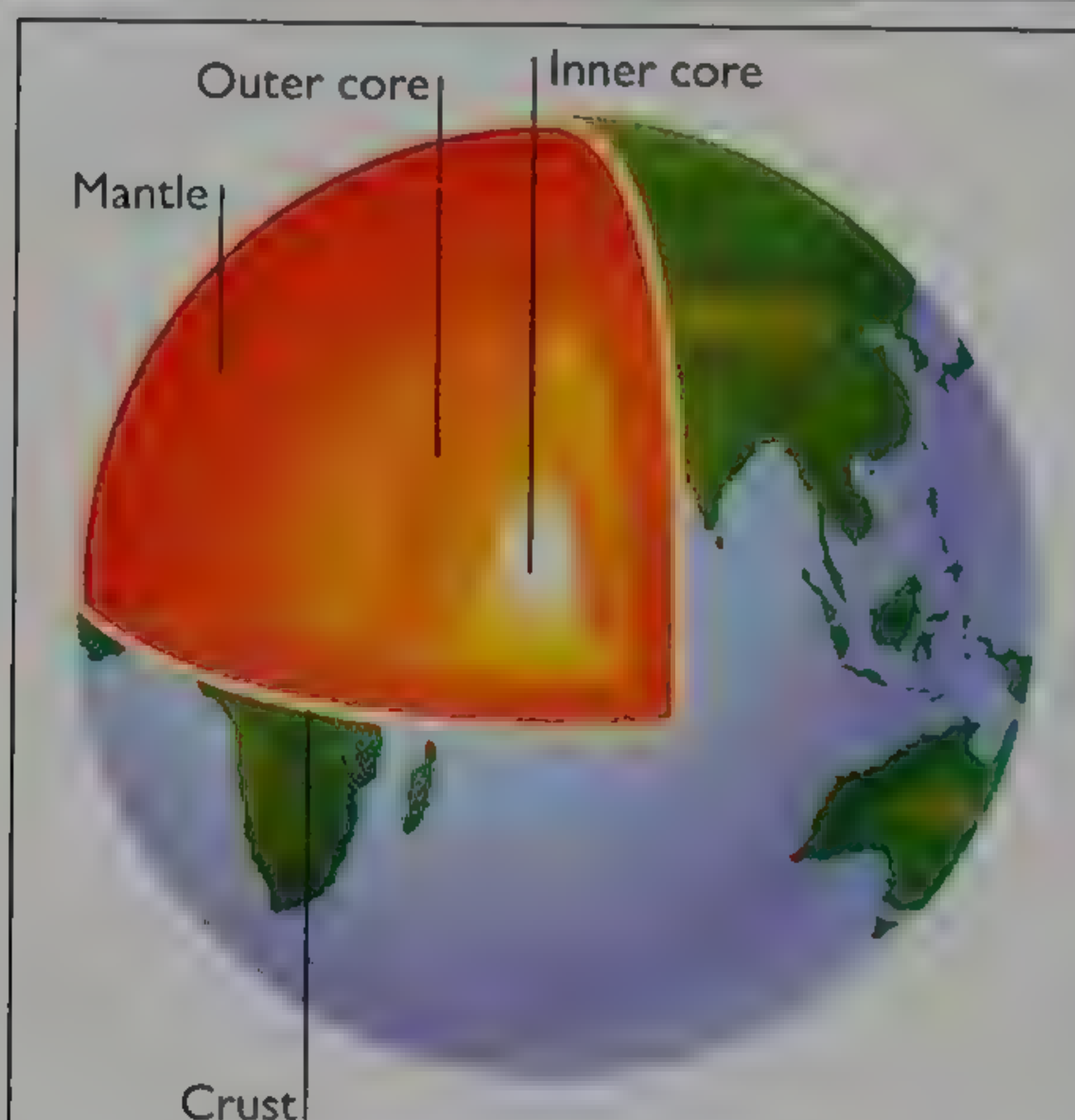
The oldest known rocks on Earth are around 4 billion years old. Natural processes have destroyed older rocks. Simple life forms first appeared on Earth around 3.5 billion years ago, though rocks formed in the first 4 billion years of Earth history contain little evidence of life. But



> Fold mountains, such as the Himalayan ranges which are shown above, were formed when two plates collided and the rock layers between them were squeezed upwards into loops or folds.

rocks formed since the start of the Cambrian period (the first period in the Paleozoic era), about 590 million years ago, are rich in fossils. The study of fossils has enabled scientists to gradually piece together the long and complex story of life on Earth.

THE PLANET EARTH



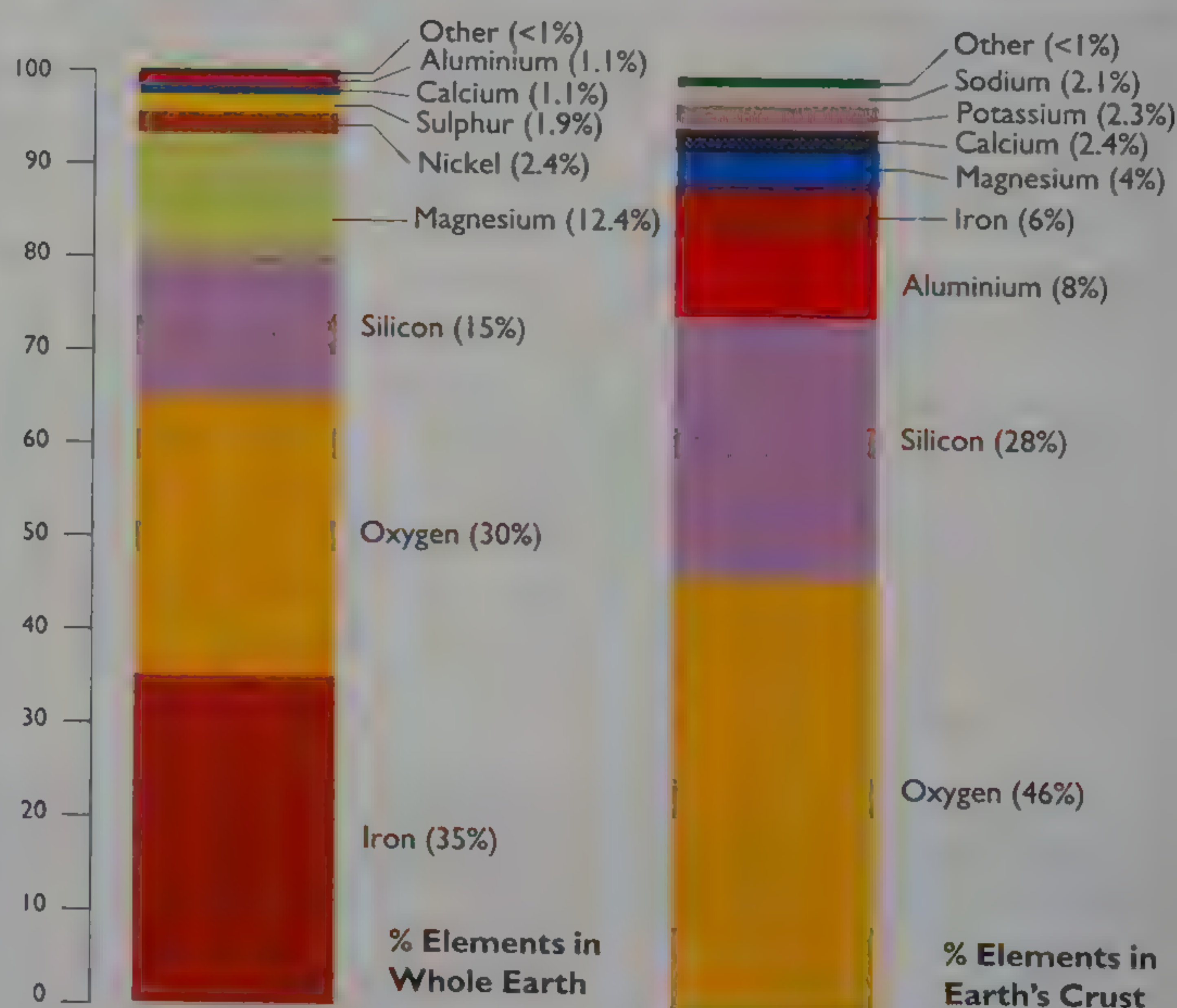
CRUST The continental crust has an average thickness of 35–40 km [22–25 miles]; the oceanic crust averages 6 km [4 miles].

MANTLE 2,900 km [1,800 miles] thick. The top layer is solid, resting on a partly molten layer called the asthenosphere.

OUTER CORE 2,100 km [1,300 miles] thick. It consists mainly of molten iron and nickel.

INNER CORE (DIAMETER) 1,350 km [840 miles]. It is mainly solid iron and nickel.

ELEMENTS



> The Earth contains about 100 elements, but eight of them account for 99% of the planet's mass. Iron makes up 35% of the Earth's mass, but most of it is in the core. The most common elements in the crust – oxygen and silicon – are often combined with one or more of the other common crustal elements, to form a group of minerals called silicates. The mineral quartz, which consists only of silicon and oxygen, occurs widely in such rocks as granites and sandstones.

PLATE BOUNDARIES



> The Earth's lithosphere is divided into six huge plates and several small ones. Ocean ridges, where plates are moving apart, are called constructive plate margins. Ocean trenches, where plates collide, are subduction zones. These are destructive plate margins. The map shows the main plates and the directions in which they are moving.

— Plate boundaries
➔ Direction of plate movements
PACIFIC Major plates

THE DYNAMIC EARTH

The Earth's surface is always changing because of a process called plate tectonics. Plates are blocks of the solid lithosphere (the crust and outer mantle), which are moved around by currents in the partly liquid mantle. Around 250 million years ago, the Earth contained one super-continent called Pangaea. Around 180 million years ago, Pangaea split into a northern part, Laurasia, and a southern part, Gondwanaland. Later, these huge continents, in turn, also split apart and the continents drifted to their present positions. Ancient seas disappeared and mountain ranges, such as the Himalayas and Alps, were pushed upwards.

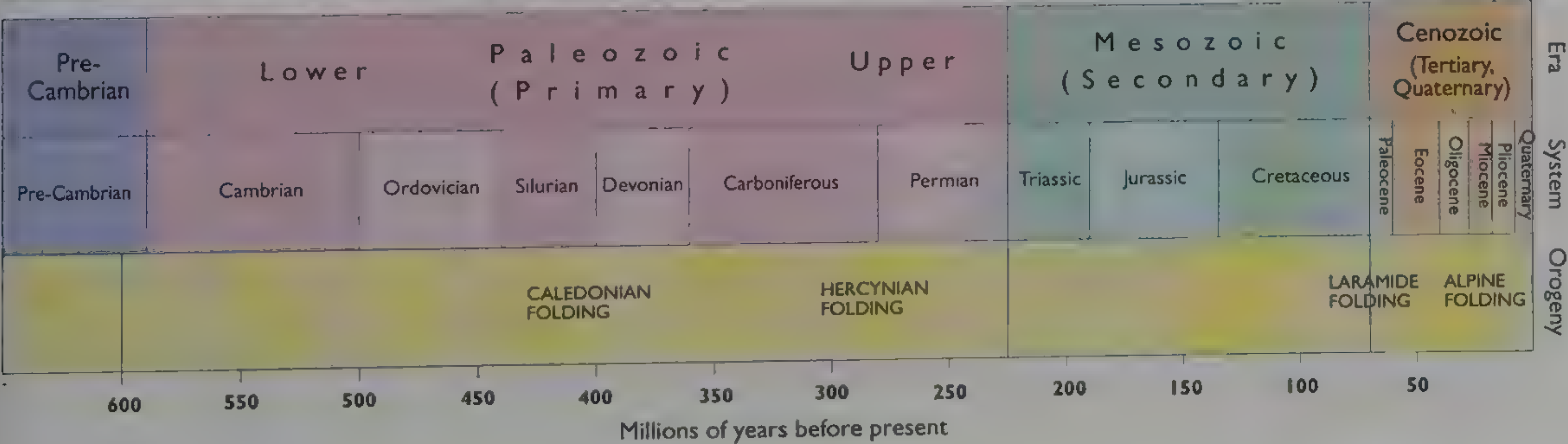
PLATE TECTONICS

In the early 1900s, two scientists suggested that the Americas were once joined to Europe and Africa. Together they proposed the theory of continental drift to explain the similarities between rock structures on both sides of the Atlantic. But no one could offer an explanation as to how the continents moved.

Evidence from the ocean floor in the 1950s and 1960s led to the theory of plate tectonics, which suggested that the lithosphere is divided into large blocks, or plates. The plates are solid, but they rest on the partly molten asthenosphere, within the mantle. Long ridges on

the ocean floor were found to be the edges of plates which were moving apart, carried by currents in the asthenosphere. As the plates moved, molten material welled up from the mantle to fill the gaps. But at the ocean trenches, one plate is descending beneath another along what is called a subduction zone. The descending plate is melted and destroyed. This crustal destruction at subduction zones balances the creation of new crust along the ridges. Transform faults, where two plates are moving alongside each other, form another kind of plate edge.

GEOLOGICAL TIME SCALE



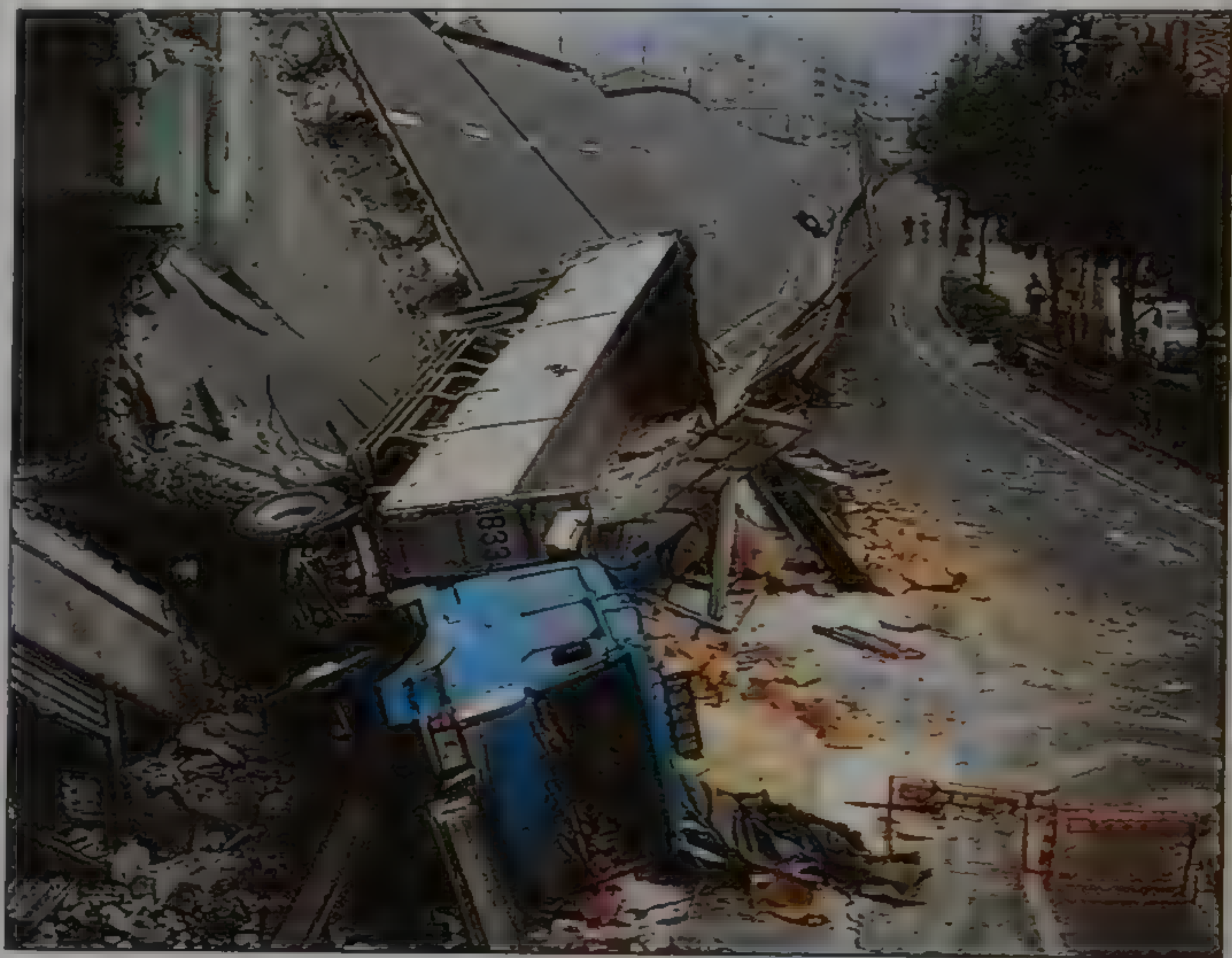
Earthquakes & Volcanoes

PLATE TECTONICS HELP us to understand such phenomena as earthquakes, volcanic eruptions, and mountain building.

EARTHQUAKES

Earthquakes can occur anywhere, but they are most common near the edges of plates. They occur when intense pressure breaks the rocks along plate edges, making the plates lurch forward.

Major Earthquakes since 1900 ▼			
Year	Location	Mag.	Deaths
1906	San Francisco, USA	8.3	503
1906	Valparaiso, Chile	8.6	22,000
1908	Messina, Italy	7.5	83,000
1915	Avezzano, Italy	7.5	30,000
1920	Gansu, China	8.6	180,000
1923	Yokohama, Japan	8.3	143,000
1927	Nan Shan, China	8.3	200,000
1932	Gansu, China	7.6	70,000
1934	Bihar, India/Nepal	8.4	10,700
1935	Quetta, Pakistan	7.5	60,000
1939	Chillan, Chile	8.3	28,000
1939	Erzincan, Turkey	7.9	30,000
1960	Agadir, Morocco	5.8	12,000
1964	Anchorage, Alaska	8.4	131
1968	North-east Iran	7.4	12,000
1970	North Peru	7.7	66,794
1976	Guatemala	7.5	22,778
1976	Tangshan, China	8.2	255,000
1978	Tabas, Iran	7.7	25,000
1980	El Asnam, Algeria	7.3	20,000
1980	South Italy	7.2	4,800
1985	Mexico City, Mexico	8.1	4,200
1988	North-west Armenia	6.8	55,000
1990	North Iran	7.7	36,000
1993	Maharashtra, India	6.4	30,000
1994	Los Angeles, USA	6.6	51
1995	Kobe, Japan	7.2	5,000
1997	North-east Iran	7.1	2,400
1998	Takhar, Afghanistan	6.1	4,200
1998	Rostaq, Afghanistan	7.0	5,000



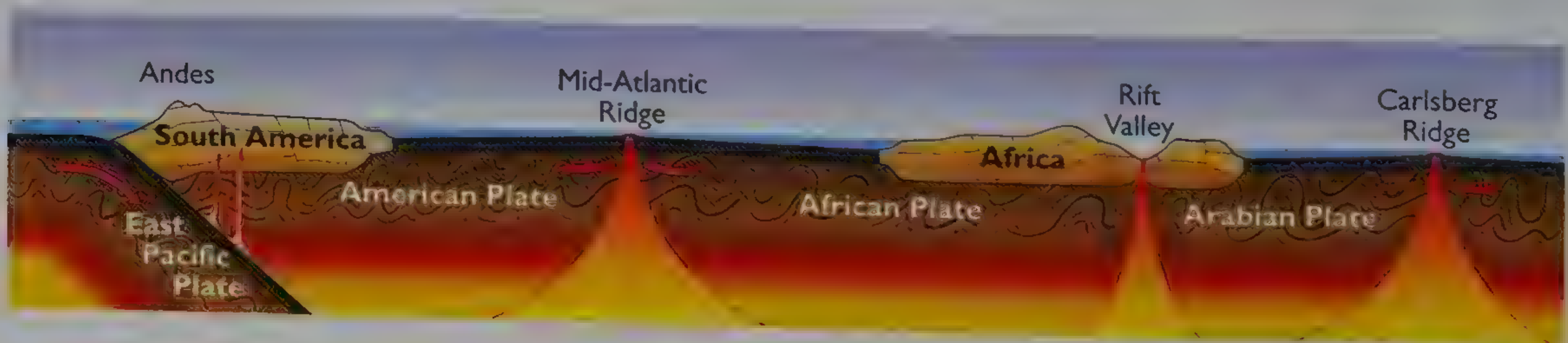
> The earthquake that struck Kobe in January 1995 was the worst one experienced in Japan since 1923. Japan lies alongside subduction zones.

Earthquakes are common along the mid-ocean ridges, but they are a long way from land and cause little damage. Other earthquakes occur near land in subduction zones, such as those that encircle much of the Pacific Ocean. These earthquakes often trigger off powerful sea waves, called tsunamis. Other earthquakes occur along transform faults, such as the San Andreas fault in California, a boundary between the North American and Pacific plates. Movements along this fault cause periodic disasters, such as the earthquakes in San Francisco (1906) and Los Angeles (1994).

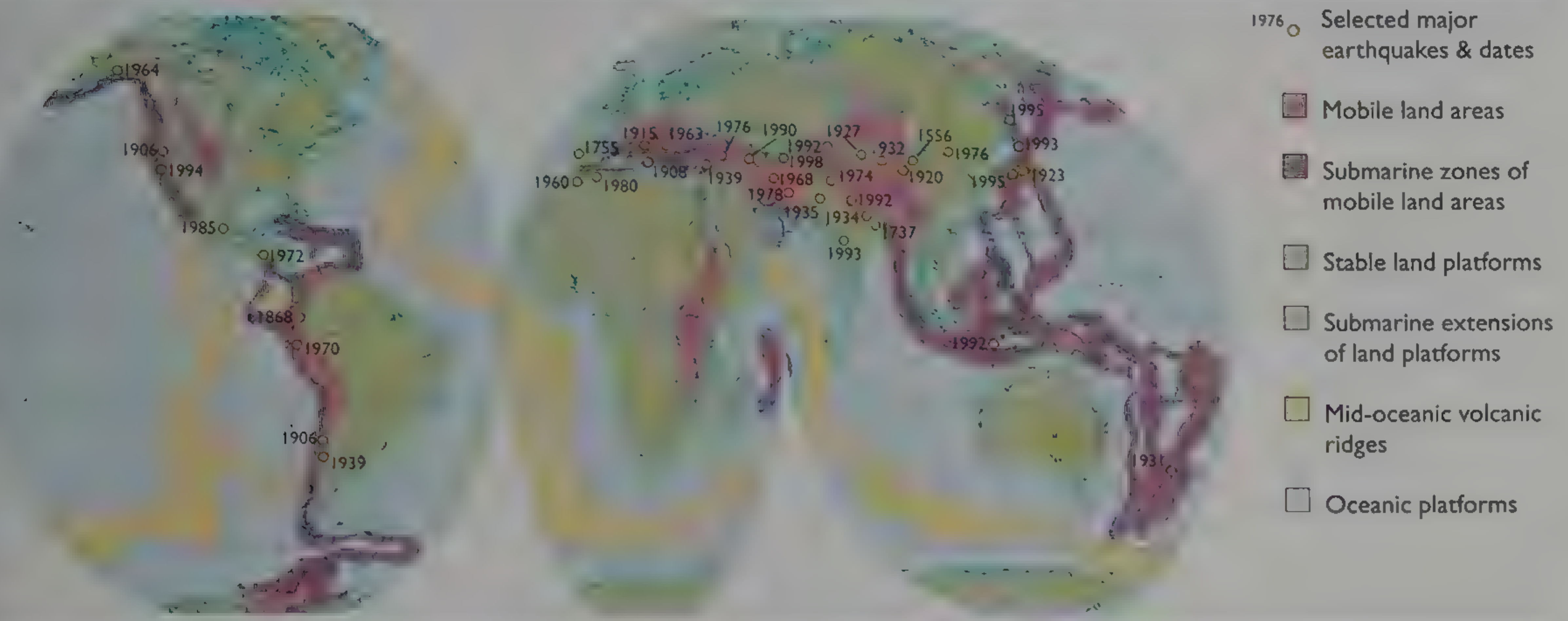
> The section between the Pacific and Indian oceans shows a subduction zone under the American plate, with spreading ocean ridges in the Atlantic and Indian oceans. East Africa may one day split away from the rest of Africa as plate movements pull the Rift Valley apart.

VOLCANOES & MOUNTAINS

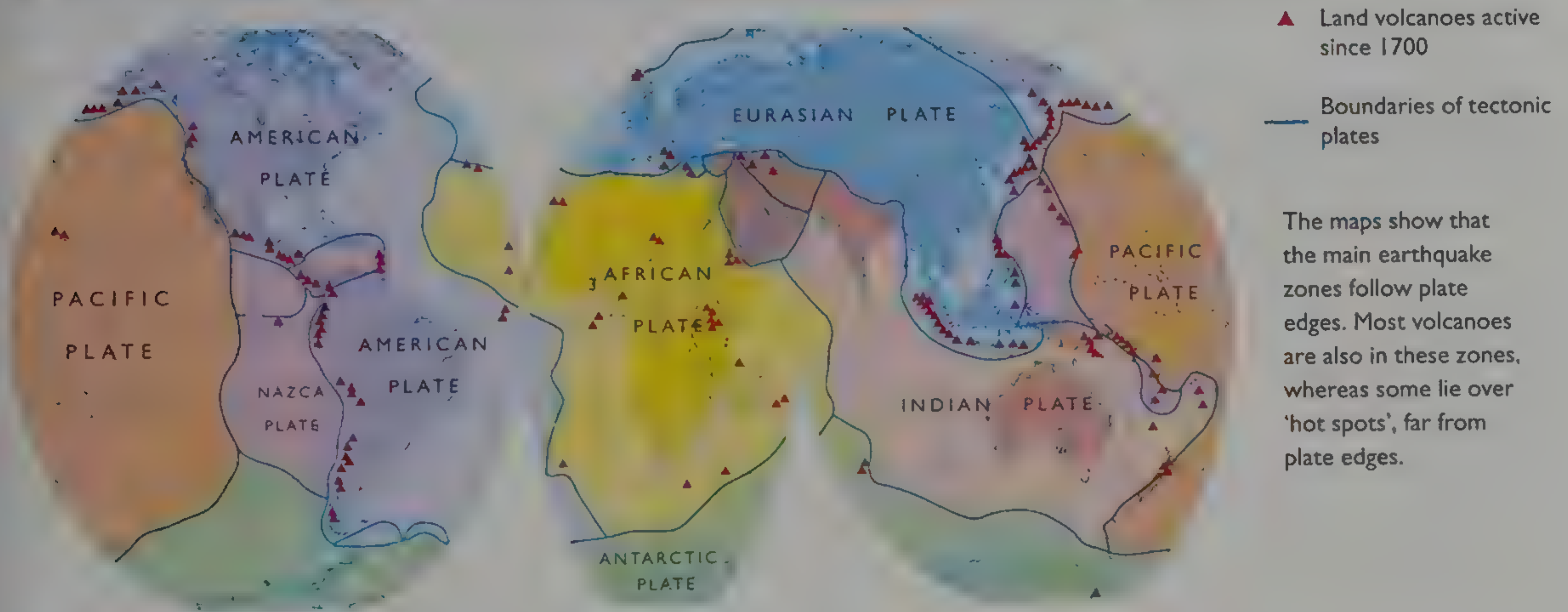
Volcanoes are fuelled by magma (molten rock) from the mantle. Some volcanoes, such as in Hawaii, lie above 'hot spots' (sources of heat in the mantle). But most volcanoes occur either along the ocean ridges or above subduction zones, where



EARTHQUAKES



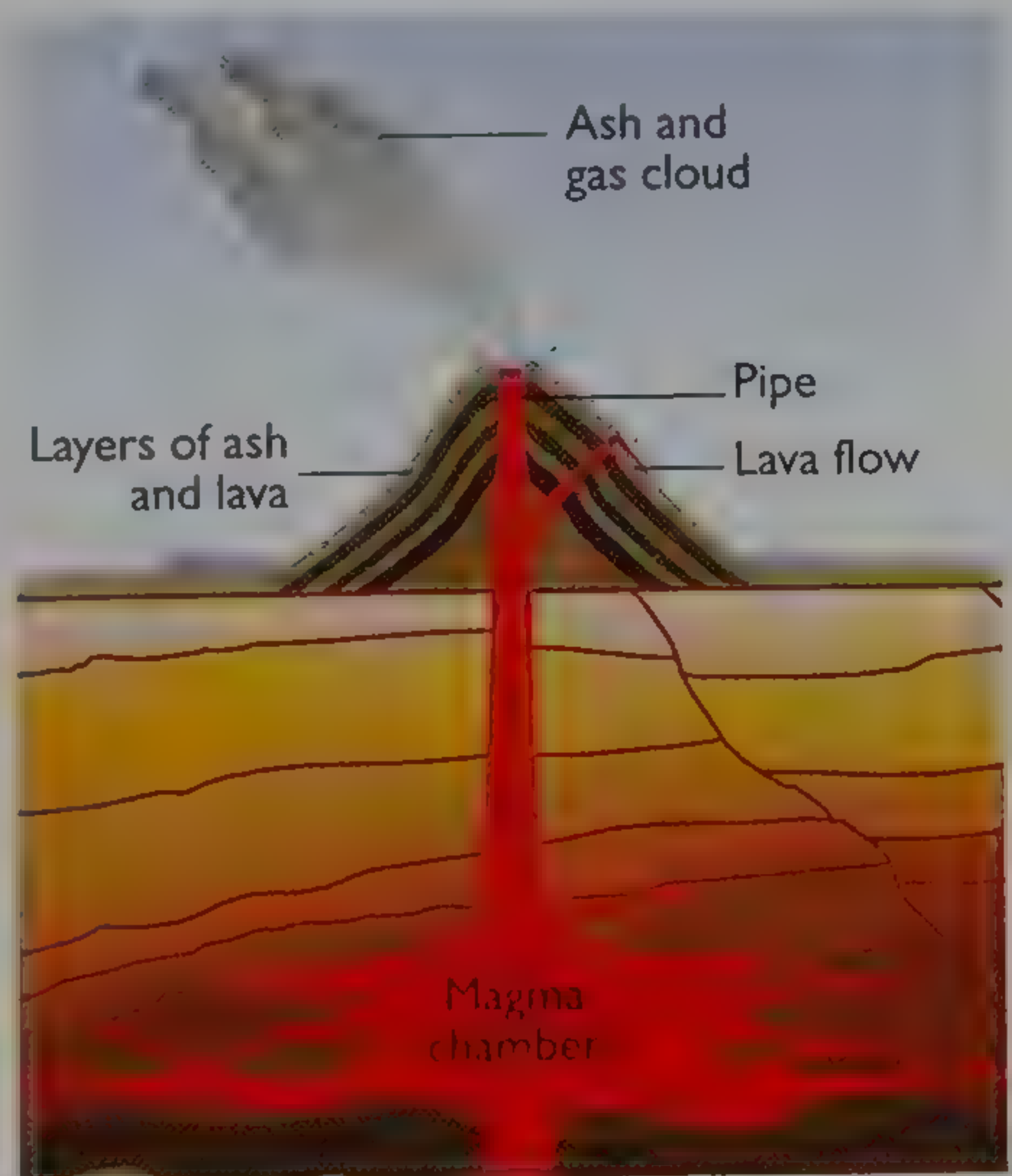
VOLCANOES



magma is produced when the descending plate is melted.

Volcanic mountains are built up gradually by runny lava flows or by exploded volcanic ash. Fold mountains occur when two plates bearing land areas collide and the plate edges are buckled upwards into fold mountain ranges. Plate movements also fracture rocks and block mountains are formed when areas of land are pushed upwards along faults or between parallel faults. Blocks of land sometimes sink down between faults, creating deep, steep-sided rift valleys.

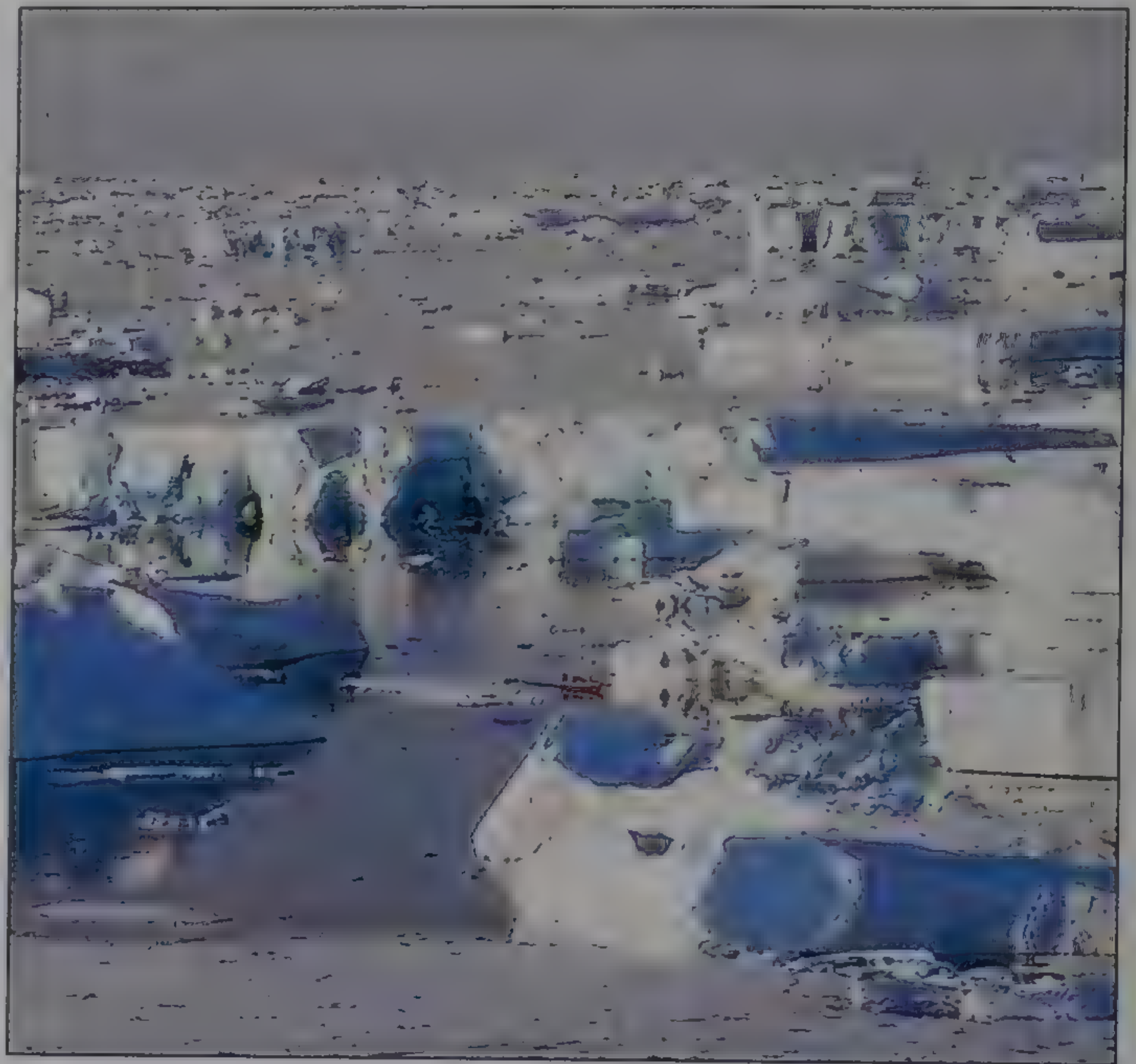
> Volcanoes occur when molten magma reaches the surface under pressure through long vents. 'Quiet' volcanoes emit runny lava (called pahoehoe). Explosive eruptions occur when the magma is sticky. Explosive gases shatter the magma into ash, which is hurled upwards into the air.



Water & Ice

A VISITOR FROM outer space might be forgiven for naming our planet 'Water' rather than 'Earth', because water covers more than 70% of its surface. Without water, our planet would be as lifeless as the Moon. Through the water cycle, fresh water is regularly supplied from the sea to the land. Most geographers divide the world's water into four main oceans: the Pacific, the Atlantic, the Indian and the Arctic. Together the oceans contain 97.2% of the world's water.

The water in the oceans is constantly on the move, even, albeit extremely slowly, in the deepest ocean trenches. The greatest movements of ocean water occur in the form of ocean currents. These are marked, mainly wind-blown



EXPLANATION OF TERMS

GLACIER A body of ice that flows down valleys in mountain areas. It is usually narrow and hence smaller than ice caps or ice sheets.

ICE AGE A period of Earth history when ice sheets spread over large areas. The most recent Ice Age began about 1.8 million years ago and ended 10,000 years ago.

ICEBERG A floating body of ice in the sea. About eight-ninths of the ice is hidden beneath the surface of the water.

ICE SHEET A large body of ice. During the last Ice Age, ice sheets covered large parts of the northern hemisphere.

OCEAN The four main oceans are the Pacific, the Atlantic, the Indian and the Arctic. Some

people classify a fifth southern ocean, but others regard these waters as extensions of the Pacific, Atlantic and Indian oceans.

OCEAN CURRENTS Distinct currents of water in the oceans. Winds are the main causes of surface currents.

SEA An expanse of water, but smaller than an ocean.

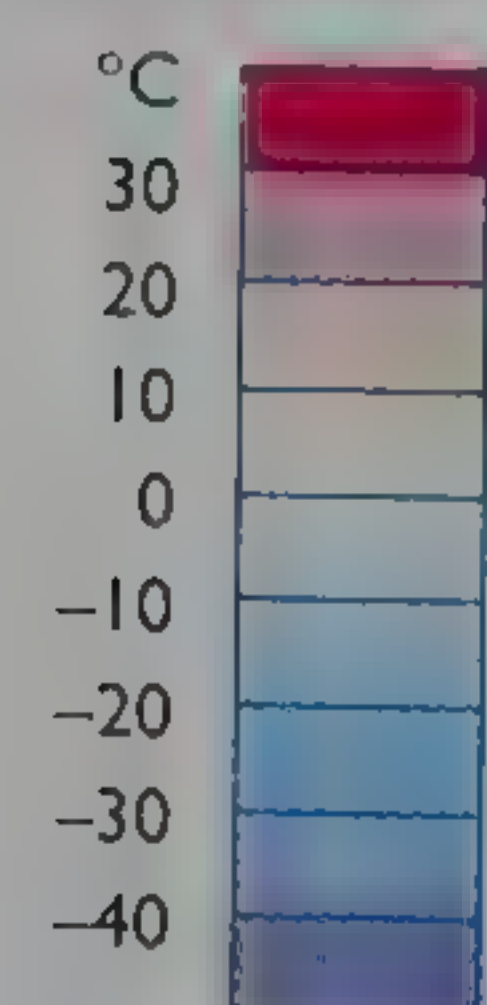
ICEBERGS

from the ice sheet of Antarctica, forming flat-topped icebergs. Researchers fear that warmer weather is melting Antarctica's ice sheets at a dangerous rate, after large chunks of the Larsen ice shelf and the Ronne ice shelf broke away in 1997 and 1998, respectively.

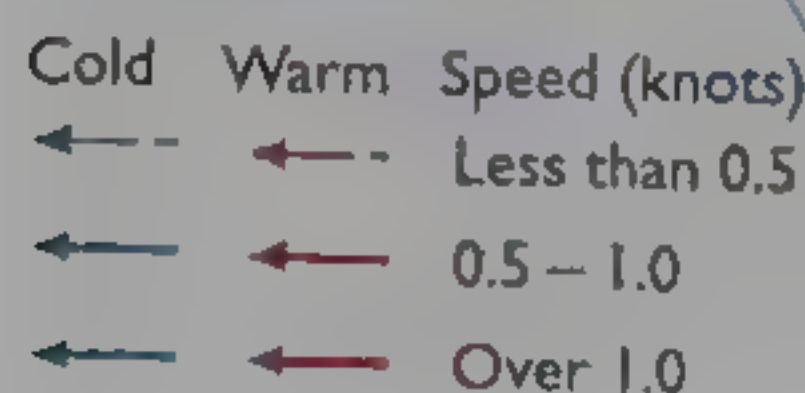
JANUARY TEMPERATURE AND OCEAN CURRENTS

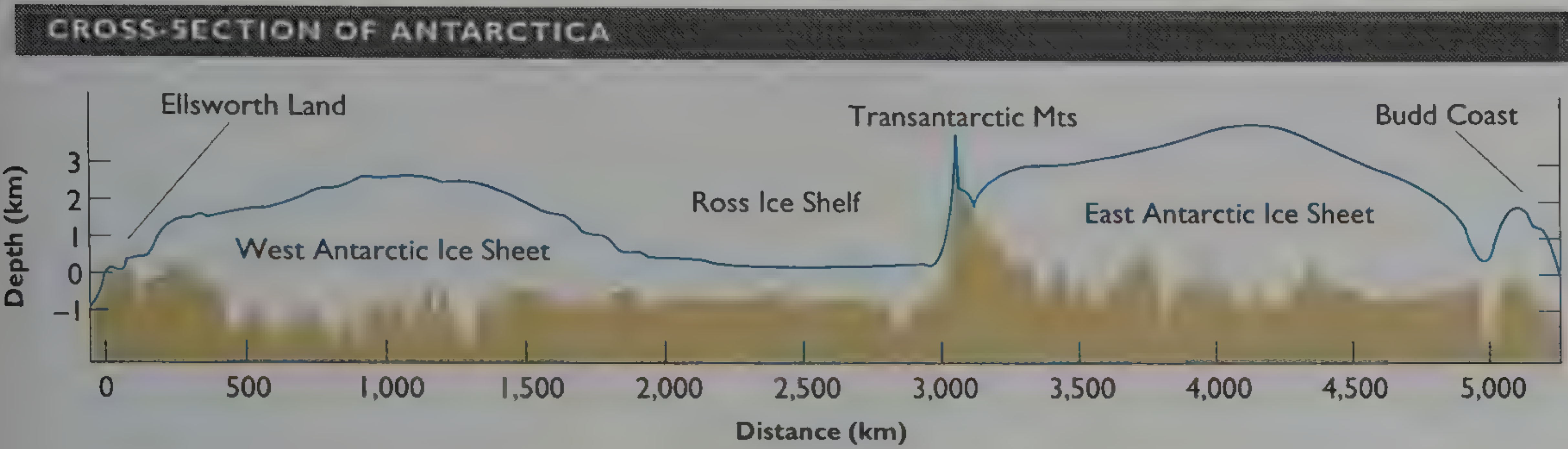
(Northern Hemisphere – Winter)

ACTUAL SURFACE TEMPERATURE



OCEAN CURRENTS





movements of water on or near the surface. Other dense, cold currents creep slowly across the ocean floor. Warm and cold ocean currents help to regulate the world's climate by transferring heat between the tropics and the poles.

ICE

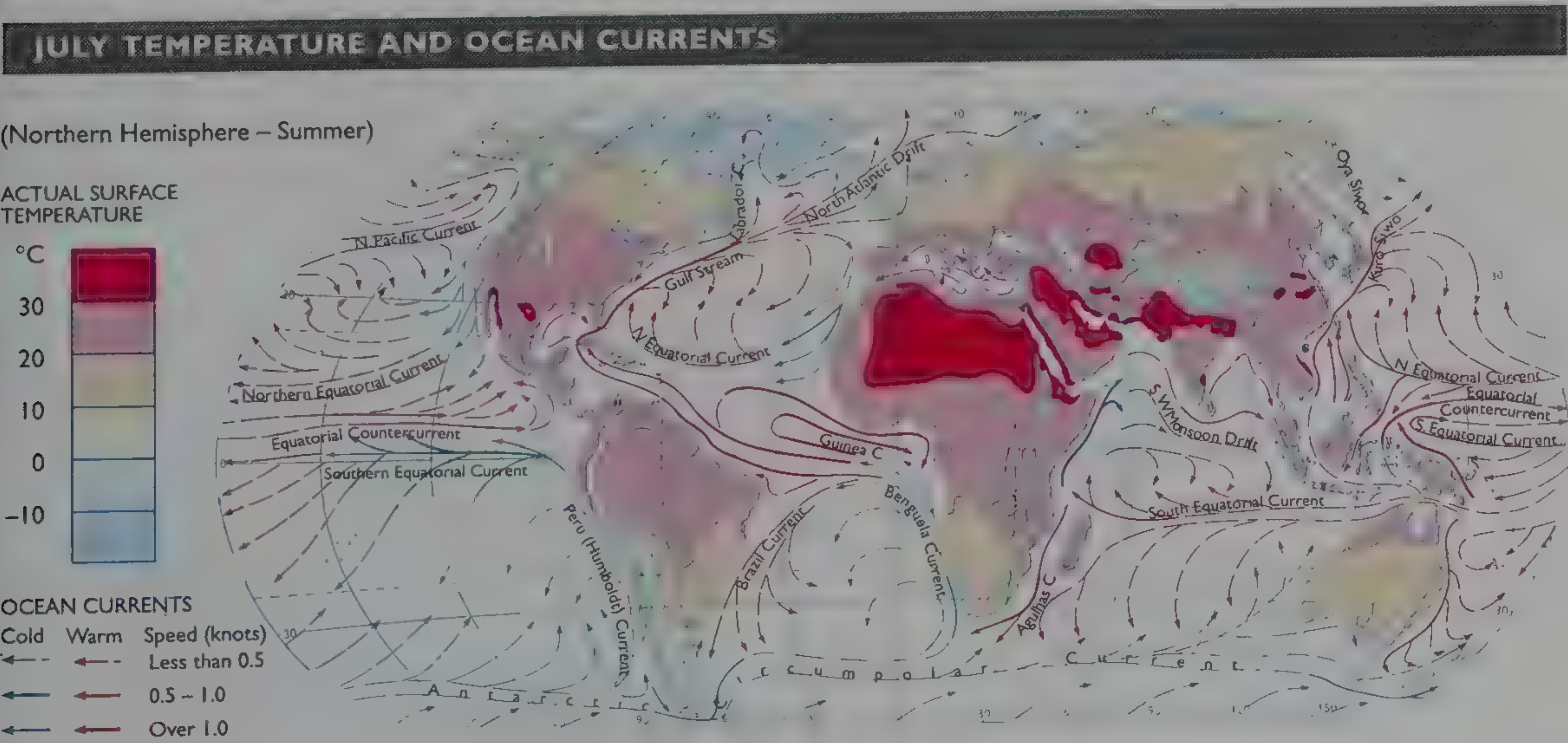
About 2.15% of the world's water is locked in two large ice sheets, several smaller ice caps and glaciers. The world's largest ice sheet covers most of Antarctica. The ice is up to 4,800 m [15,750 ft] thick and it represents 70% of the world's fresh water. The volume of ice is about nine times greater than that contained in the world's other ice sheet in Greenland. Besides these two ice sheets, there are some smaller ice caps in northern Canada, Iceland, Norway and Spitzbergen, and

many valley glaciers in high mountain regions throughout the world.

If global warming was to melt the world's ice, the sea level could rise by as much as 100 m [330 ft], flooding low-lying coastal regions. Many of the world's largest cities and most fertile plains would vanish beneath the waves.

> This section across Antarctica shows the concealed land areas in brown, with the top of the ice in blue. The section is divided into the West and East Antarctic Ice Sheets. The vertical scale has been exaggerated.

Composition of Seawater ▼			
The principal components of seawater, by percentage, excluding the elements of water itself:			
Chloride (Cl) ...	55.04%	Potassium (K) .....	.. 1.10%
Sodium (Na)	30.61%	Bicarbonate (HCO ₃)	.. 0.41%
Sulphate (SO ₄)	7.69%	Bromide (Br)	0.19%
Magnesium (Mg)	3.69%	Strontium (Sr)	... 0.04%
Calcium (Ca)	.. 1.16%	Fluorine (F) ...	.. 0.003%
The oceans contain virtually every other element, the more important ones being lithium, rubidium, phosphorus, iodine and barium.			



Weather & Climate

WEATHER IS A description of the day-to-day state of the atmosphere. Climate, on the other hand, is weather in the long term: the seasonal pattern of temperature and precipitation averaged over time.

In some areas, the weather is so stable and predictable that a description of the weather is much the same as a statement of the climate. But in parts of the mid-latitudes, the weather changes from hour to hour. Changeable weather is caused mainly by low air pressure systems, called cyclones or depressions, which form along the polar front where warm subtropical air meets cold polar air.

The main elements of weather and

LIGHTNING

Lightning is a flash of light in the sky caused by a discharge of electricity in the atmosphere. Lightning occurs within cumulonimbus clouds during thunderstorms. Positive charges build up at the top of the cloud, while negative charges build up at the base. The charges are finally discharged as an electrical spark. Sheet lightning occurs inside clouds, while cloud to ground lightning is usually forked. Thunder occurs when molecules along the lightning channel expand and collide with cool molecules.



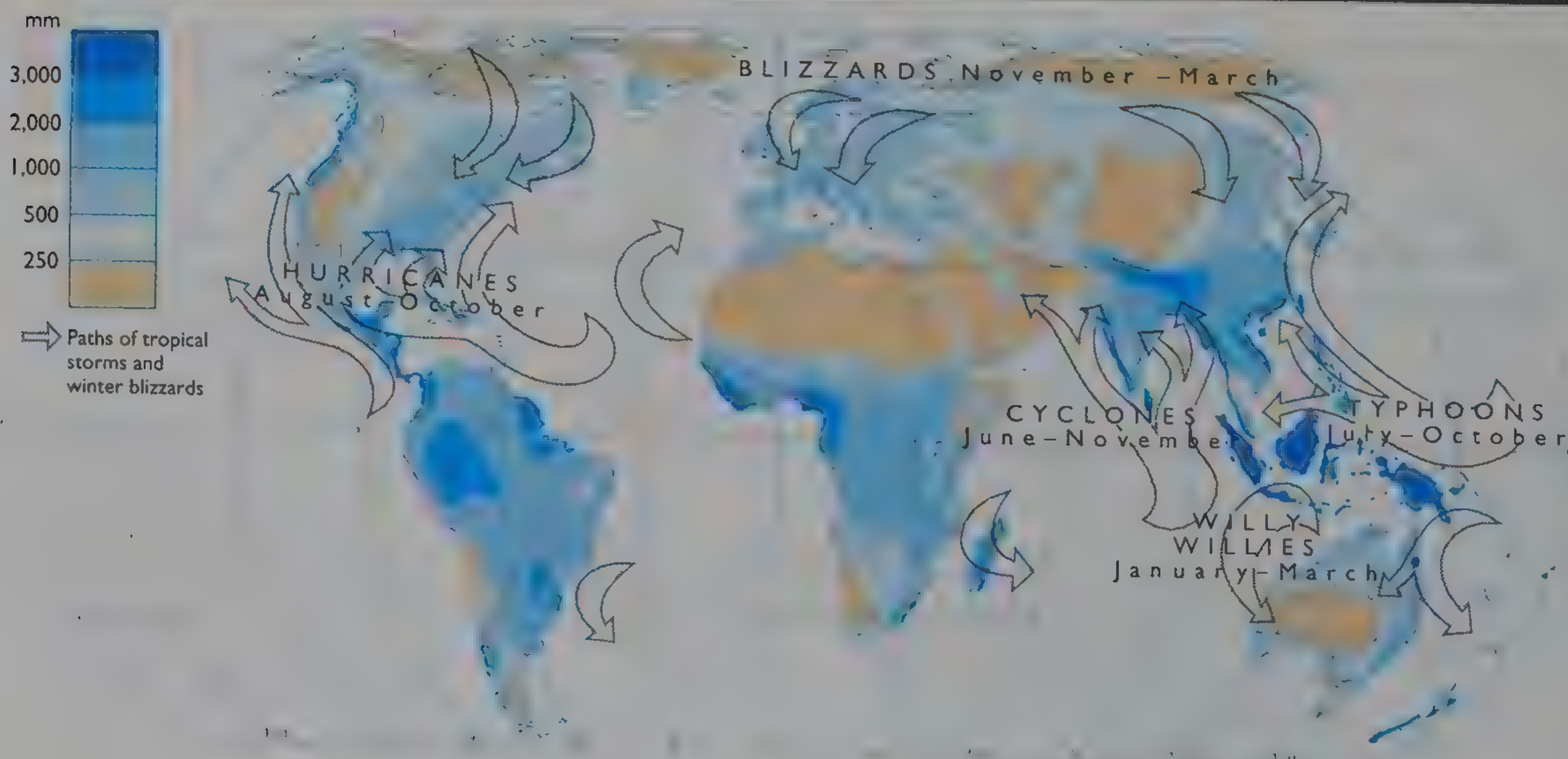
climate are temperature and rainfall. Temperatures vary because the Sun heats the Earth unequally, with the most intense heating around the Equator. Unequal heating is responsible for the general circulation of the atmosphere and the main wind belts.

Rainfall occurs when warm air containing invisible water vapour rises. As the rising air cools, the capacity of the air to hold water vapour decreases and so the water vapour condenses into droplets of water or ice crystals, which collect together to form raindrops or snowflakes.

> Lightning occurs in clouds and also between the base of clouds and the ground. Lightning that strikes the ground can kill people or start forest fires.

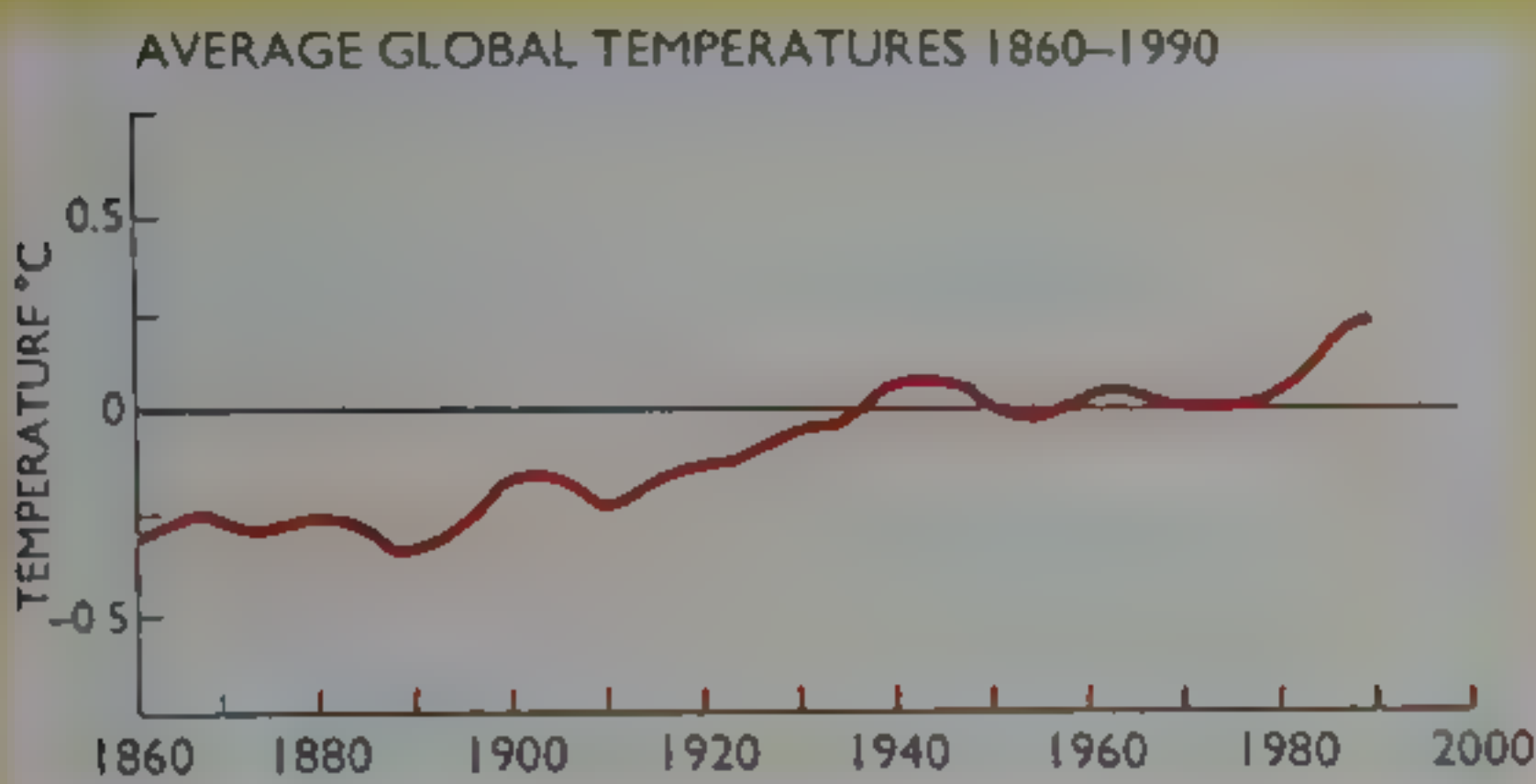
> The rainfall map shows areas affected by tropical storms, which are variously called hurricanes, tropical cyclones, willy willies and typhoons. Strong polar winds bring blizzards in winter.

ANNUAL RAINFALL



GLOBAL WARMING

The Earth's climates have changed many times during its history. Around 11,000 years ago, much of the northern hemisphere was buried by ice. Some scientists believe that the last Ice Age may not be over and that ice sheets may one day return. Other scientists are concerned that air

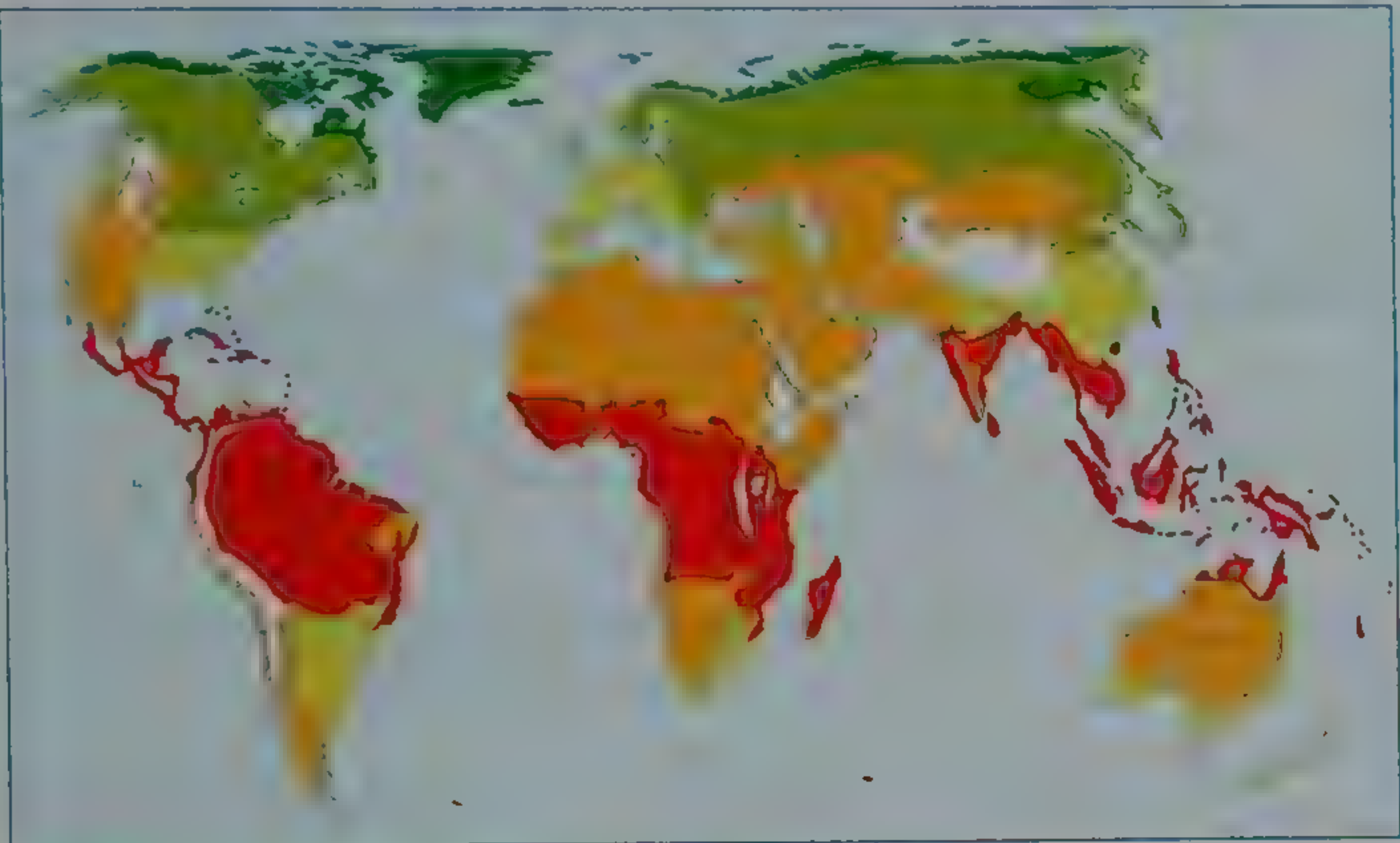


pollution may be producing an opposite effect – a warming of the atmosphere. Since 1900, average world temperatures have risen by about 0.5°C [0.9°F] and increases are likely to continue. Global warming is the result of an increase in the amount of carbon dioxide in the atmosphere, caused by the burning of coal, oil and natural gas, together with deforestation. Short-wave radiation from the Sun passes easily through the atmosphere. But, as the carbon dioxide content rises, more of the long-wave radiation that returns from the Earth's surface is absorbed and trapped by the carbon dioxide. This creates a 'greenhouse effect', which will change the world's climates with, perhaps, disastrous environmental consequences.

CLIMATE

The world contains six main climatic types: hot and wet tropical climates; dry climates; warm temperate climates; cold temperate climates; polar climates; and mountain climates. These regions are further divided according to the character and amount of precipitation and special features of the temperature, notably seasonal variations. Regions with temperate climates include Mediterranean areas with hot, dry summers and mild, moist winters. The British Isles have a different type of temperate climate, with warm, rather than hot, summers and rain throughout the year.

CLIMATIC REGIONS



- Tropical Climate (hot & wet)
- Dry Climate (desert & steppe)
- Temperate Climate (warm & wet)
- Continental Climate (cold & wet)
- Polar Climate (very cold & wet)
- Mountainous Areas (where altitude affects climate types)

WORLD CLIMATIC RECORDS

Highest Recorded Temperature Al Aziziyah, Libya: 58°C [136.4°F] on 13 September 1922	Wettest Place (average) Tututendo, Colombia: mean annual rainfall 11,770 mm [463 in]
Highest Mean Annual Temperature Dallol, Ethiopia: 34.4°C [94°F] from 1960–66	Wettest Place (24 hours) Cilaos, Réunion, Indian Ocean: 1,870 mm [73.6 in] from 15–16 March 1952
Lowest Mean Annual Temperature Polus, Nedostupnosti, Pole of Cold, Antarctica: -57.8°C [-72°F]	Wettest Place (12 months) Cherrapunji, Meghalaya, north-east India: 26,470 mm [1,040 in], August 1860 to 1861. Cherrapunji also holds the record for rainfall in one month: 2,930 mm [115 in] in July 1861
Lowest Recorded Temperature (outside poles) Verkhoyansk, Siberia, Russia: -68°C [-90°F] on 6 February 1933	Heaviest Hailstones Gopalganj, central Bangladesh: up to 1.02 kg [2.25 lbs] in April 1986, which killed 92 people
Windiest Place Commonwealth Bay, Antarctica: gales often exceed 320 km/h [200 mph]	Heaviest Snowfall (continuous) Bessans, Savoie, France: 1,730 mm [68 in] in 19 hours over the period 5–6 April 1969
Longest Heatwave Marble Bar, Western Australia: 162 days over 38°C [94°F], 23 October 1923 to 7 April 1924	Heaviest Snowfall (season/year) Paradise Ranger Station, Mt Rainier, Washington, USA: 31,102 mm [1,224 in] fell from 19 February 1971 to 18 February 1972
Driest Place Calama, northern Chile: no recorded rainfall in 400 years to 1971	

Landforms & Vegetation

THE CLIMATE LARGELY determines the nature of soils and vegetation types throughout the world. The studies of climate and plant and animal communities are closely linked. For example, tropical climates are divided into tropical forest and tropical grassland climates. The tropical forest climate, which is hot and rainy throughout the year, is ideal for the growth of forests that contain more than half of the world's known plant and animal species. But tropical grassland, or savanna, climates have a marked dry season. As a result, the forest gives way to grassland, with scattered trees.

CLIMATE & SCENERY

The climate also helps to shape the land. Frost action in cold areas splits boulders apart, while rapid temperature changes in hot deserts make rock surfaces peel away like the layers of an onion. These are examples of mechanical weathering.

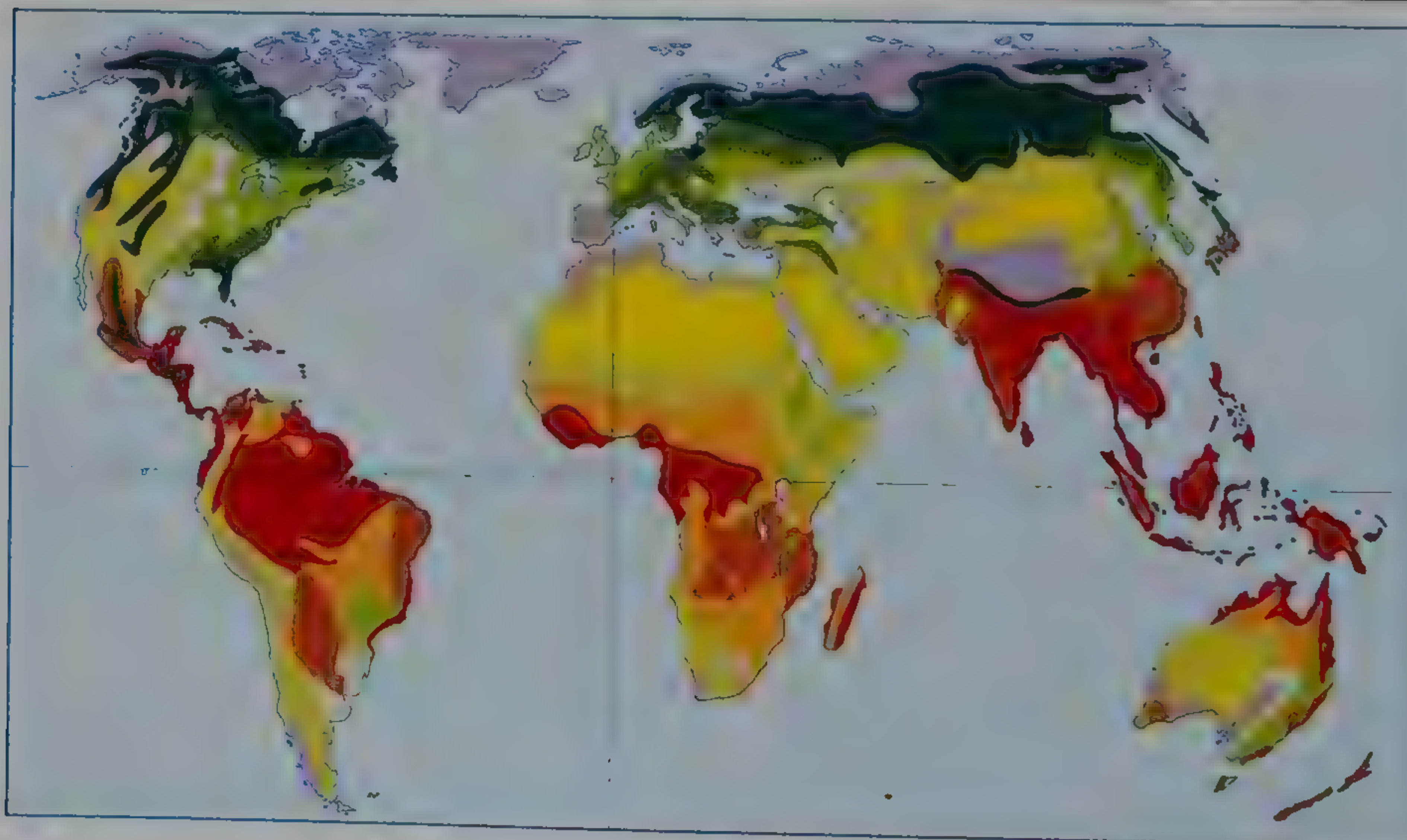


Chemical weathering usually results from the action of water on rocks. For example, rainwater containing dissolved carbon dioxide is a weak acid, which reacts with limestone. This chemical process is responsible for the erosion of the world's most spectacular caves.

Running water and glaciers play a major part in creating scenery, while in

> The tropical broadleaf forests are rich in plant and animal species. The extinction of many species because of deforestation is one of the great natural disasters of our time.

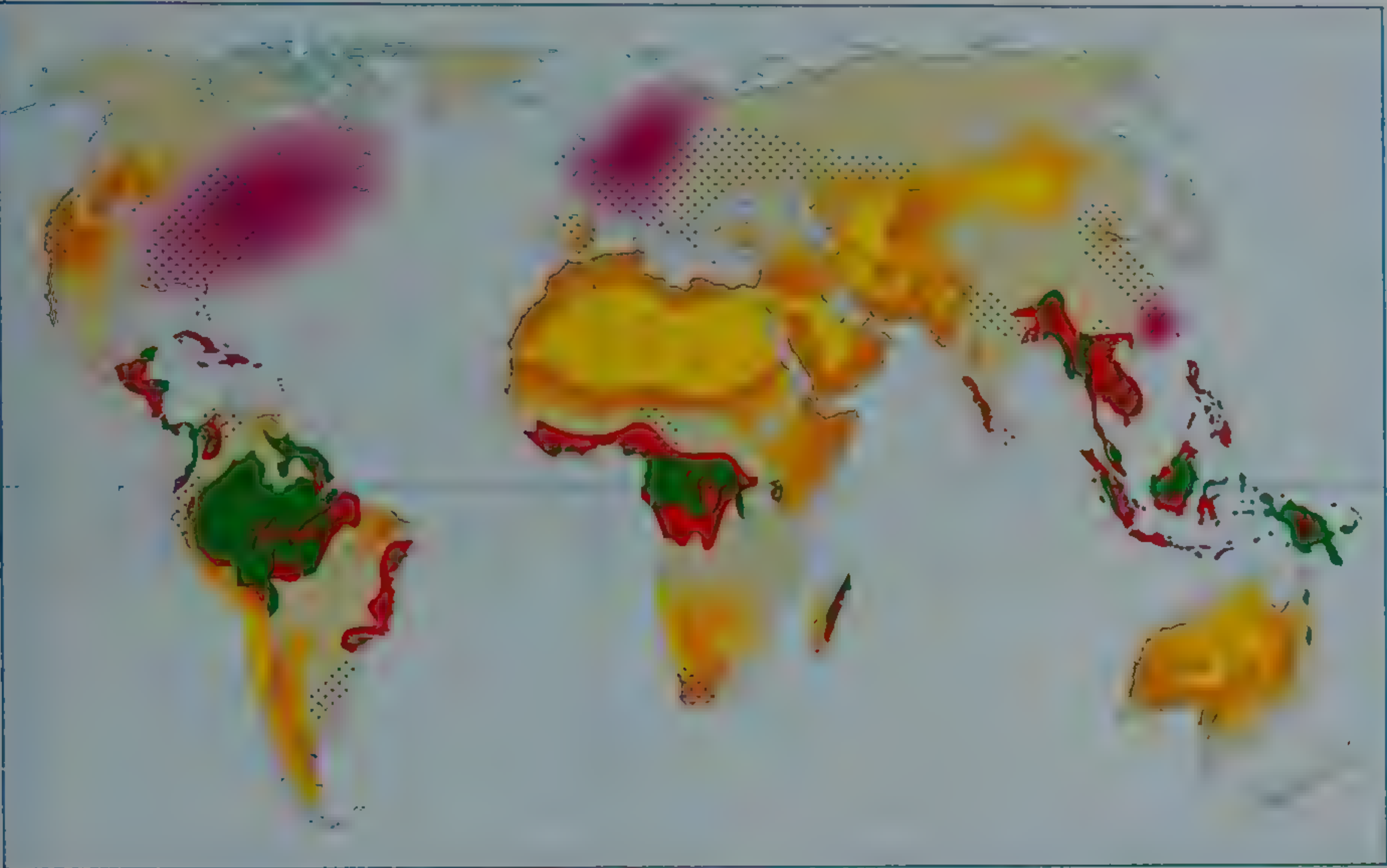
NATURAL VEGETATION



- | | | | |
|--------------------------------|--|---|---|
| ■ Tundra & mountain vegetation | ■ Mixed needleleaf evergreen & broadleaf deciduous trees | ■ Evergreen broadleaf & deciduous trees & scrub | ■ Tropical broadleaf & monsoon rainforest |
| ■ Needleleaf evergreen forest | ■ Mid-latitude grassland | ■ Desert | |
| ■ Broadleaf deciduous forest | ■ Semi-desert scrub land | ■ Tropical grassland (savanna) | ■ Subtropical broadleaf & needleleaf forest |

> Human activities, especially agriculture, have greatly modified plant and animal communities throughout the world. As a result, world vegetation maps show the natural 'climax vegetation' of regions – that is, the kind of vegetation that would grow in a particular climatic area, had that area not been affected by human activities. For example, the climax vegetation of western Europe is broadleaf, deciduous forest, but most of the original forest, together with the animals which lived in it, was destroyed long ago.

DESERTIFICATION AND DEFORESTATION



- Pollution**
- Polluted seas
 - Main areas of sulphur & nitrogen emissions
 - Areas of acid rain
- Desertification**
- Existing deserts
 - Areas with a high risk of desertification
 - Areas with a moderate risk of desertification
- Deforestation**
- Former areas of rainforest
 - Existing rainforest

dry areas, wind-blown sand is a powerful agent of erosion. Most landforms seem to alter little in one person’s lifetime. But geologists estimate that natural forces remove an average of 3.5 cm [1.4 in] from land areas every 1,000 years. Over millions of years, these forces reduce mountains to flat plains.

HUMAN INTERFERENCE

Climate also affects people, though air conditioning and central heating now make it possible for us live in comfort almost anywhere in the world.

However, human activities are damaging our planet. Pollution is poisoning rivers and seas, while acid rain, caused by air pollution, is killing trees and acidifying lakes. The land is also harmed by such things as nuclear accidents and the dumping of toxic wastes.

Some regions have been overgrazed or so intensively farmed that once fertile areas have been turned into barren deserts. The clearance of tropical forests means that some plant and animal species are disappearing before scientists have had a chance to study them.

MOULDING THE LAND

Powerful forces inside the Earth buckle rock layers to form fold mountain ranges. But even as they rise, the forces of erosion wear them away. On mountain slopes, water freezes in cracks in rocks. Because ice occupies more space than the equivalent amount of water, this ‘frost action’ shatters rocks, and the fragments tumble downhill. Some end up on or inside moving glaciers. Other rocks are carried away by running water. The glaciers and streams not only trans-

port rock fragments, but they also wear out valleys and so add to their load. The eroded material breaks down into fragments of sand, silt and mud, much of which reaches the sea, where it piles up on the sea floor in layers. These layers eventually become compacted into sedimentary rocks, such as sandstones and shales. These rocks may eventually be squeezed up again by a plate collision to form new fold mountains, so completing a natural cycle of mountain building and destruction.

MAJOR FACTORS AFFECTING WEATHERING

	WEATHERING RATE		
	SLOW		FAST
Mineral solubility	low (e.g. quartz)	moderate (e.g. feldspar)	high (e.g. calcite)
Rainfall	low	moderate	heavy
Temperature	cold	temperate	hot
Vegetation	sparse	moderate	lush
Soil cover	bare rock	thin to moderate soil	thick soil

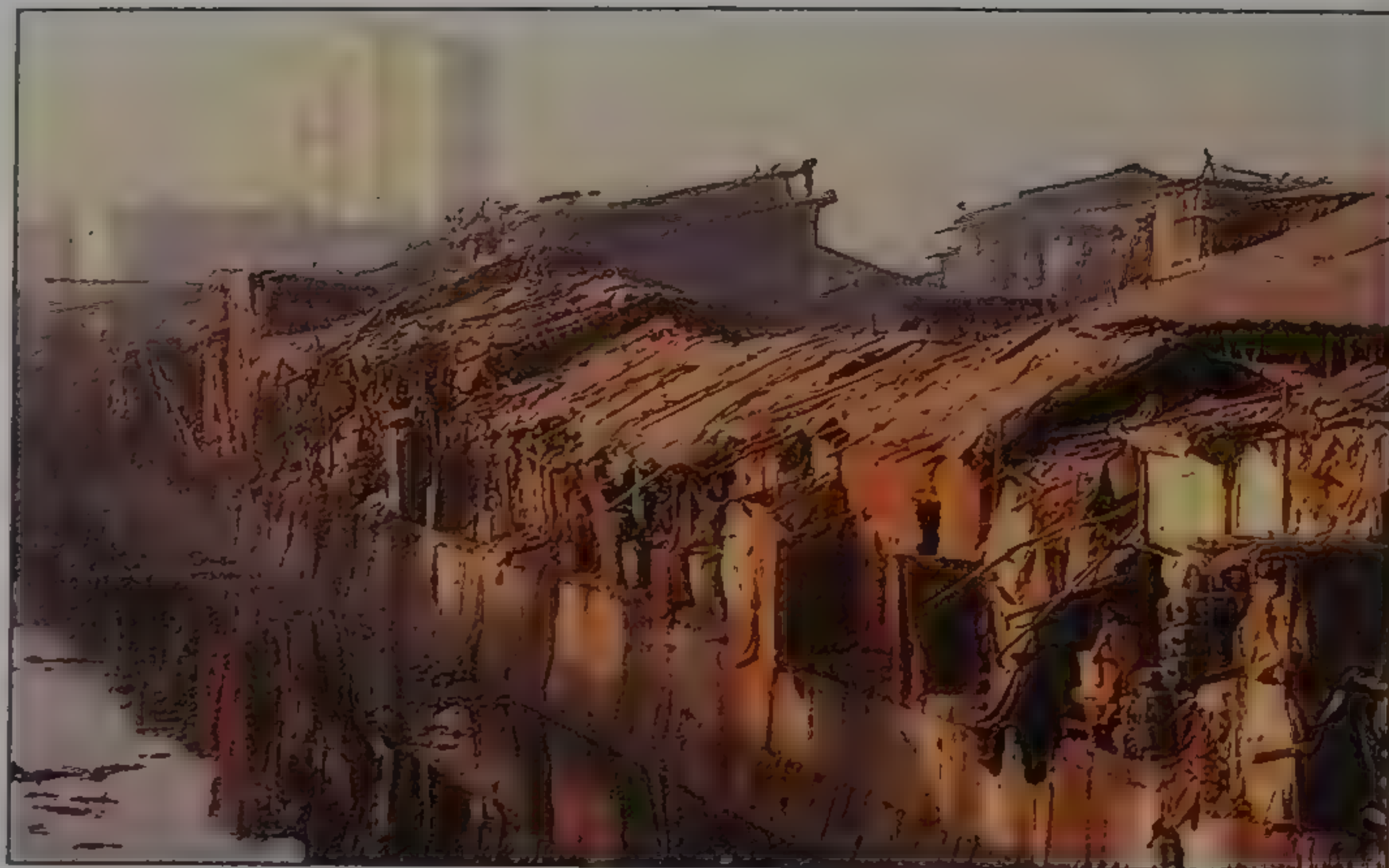
Weathering is the breakdown and decay of rocks in situ. It may be mechanical (physical), chemical or biological.

Population

THE ADVENT OF agriculture around 10,000 years ago had a great impact on human society. People abandoned their nomadic way of life and settled in farming villages. With plenty of food, some people were able to pursue jobs unconnected with farming. These developments eventually led to rapid social changes, including the growth of early cities and the emergence of civilization.

THE POPULATION EXPLOSION

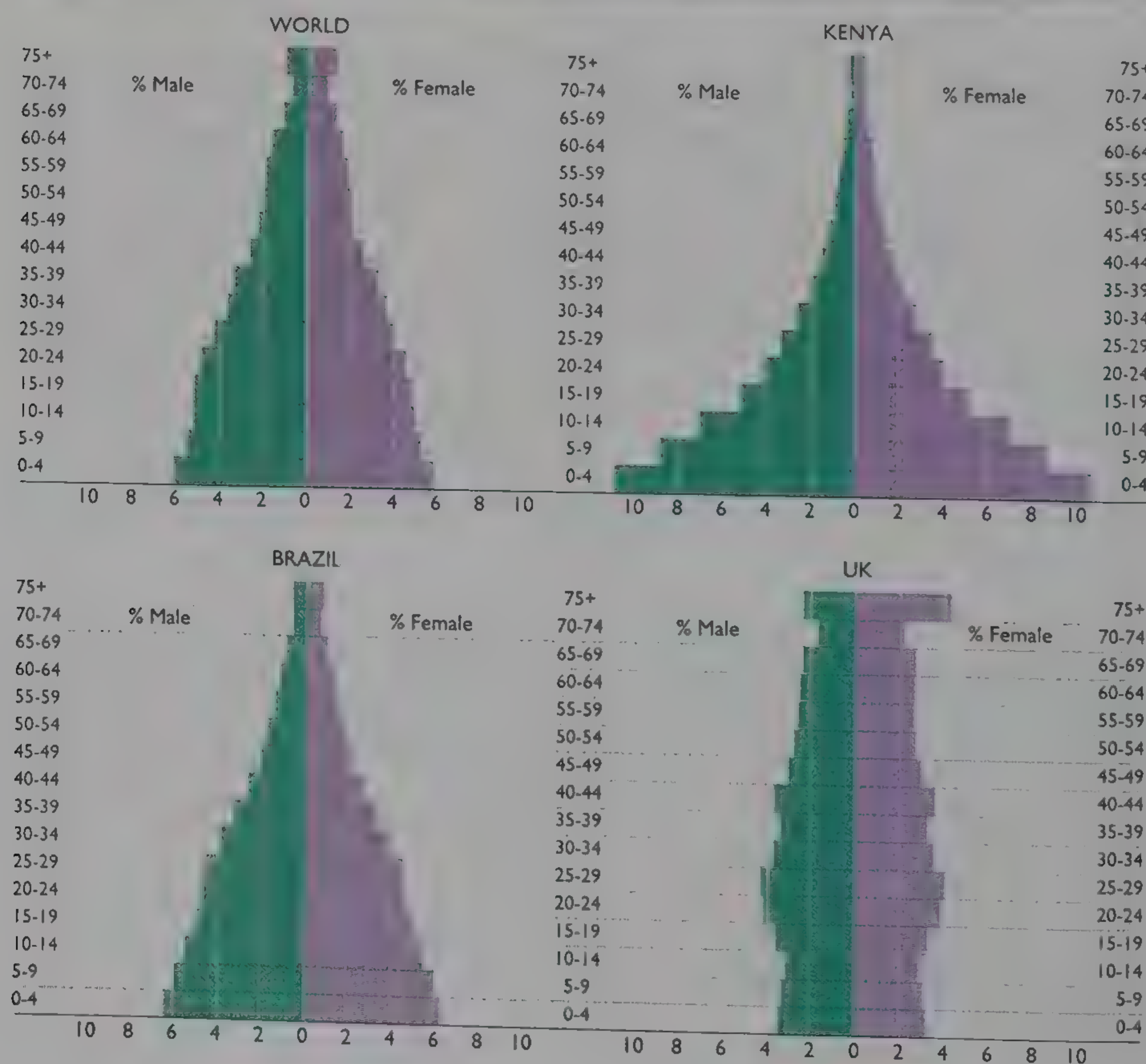
The social changes had a major effect on the world's population, which rose from around 8 million in 8000 BC, to about 300 million by AD 1000. The rate of population increase then began to accelerate further, passing the 1 billion mark in the 19th century, the 2 billion mark in the 1920s, and the 4 billion mark in the 1970s.



Today the world has a population of more than 6 billion and experts forecast that it will reach around 11 billion by 2200. However, they then predict that it will stabilize at this level or even begin to decline. Most of the expected increase will occur in developing countries in Africa, Asia and Latin America.

> Many cities in India, such as Bombay (also known as Mumbai), have grown so quickly that they lack sufficient jobs and homes for their populations. As a result, slums now cover large areas.

POPULATION PYRAMIDS



> The population pyramids compare the average age structures for the world with those of three countries at varying stages of development. Kenya, a developing country, had, until recently, one of the world's highest annual rates of population increase. As a result, a high proportion of Kenyans are aged under 15. Brazil has a much more balanced economy than Kenya's, and a lower rate of population increase. This is reflected in a higher proportion of people aged over 40. The UK is a developed country with a low rate of population growth, 0.3% per year between 1985-95, much lower than the world average of 1.6%. The UK has a far higher proportion of people over 60 years old.

The World's Largest Cities ▾

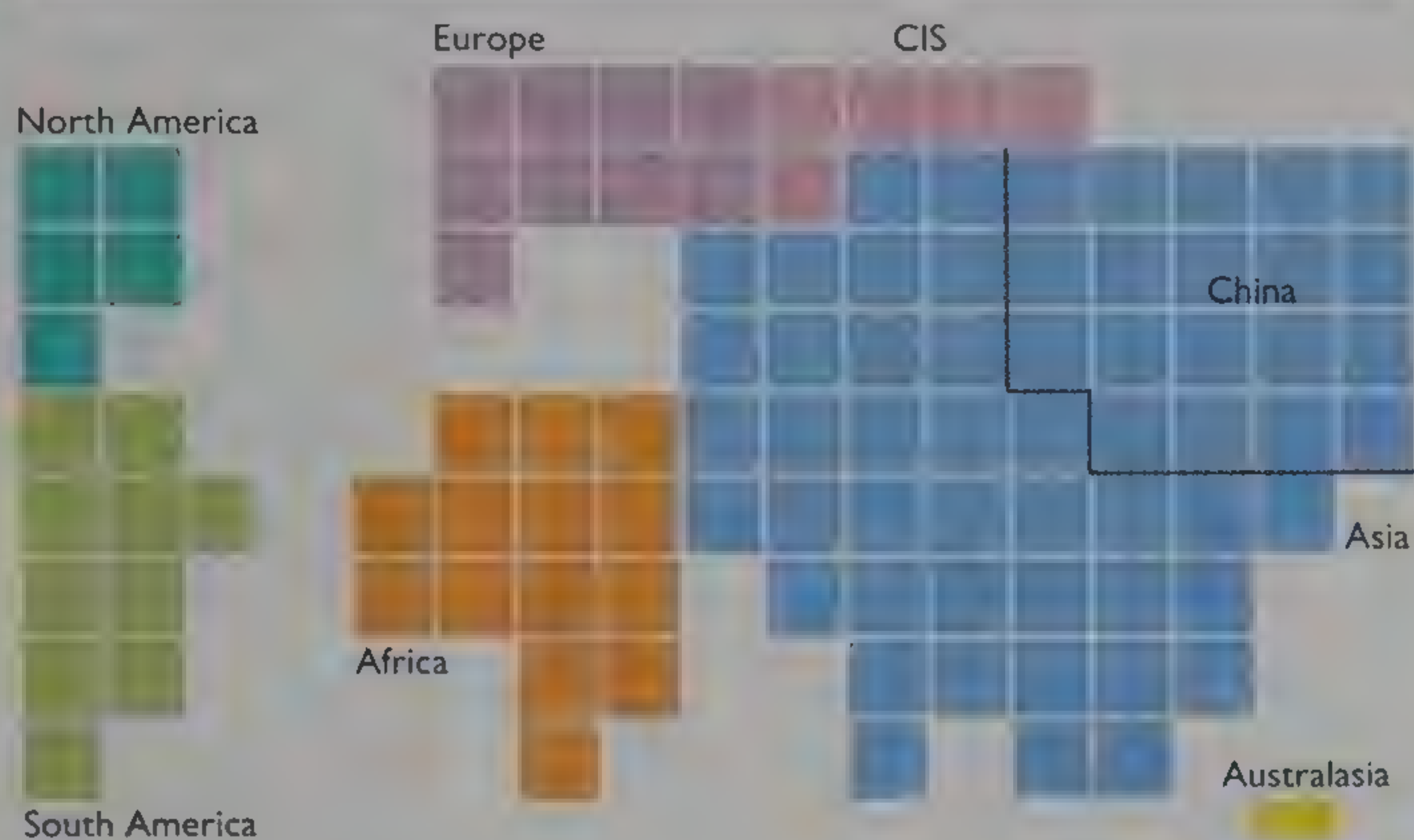
Early in the 21st century, for the first time ever, the majority of the world's population live in cities. Below is a list of the 20 largest cities (in thousands) based on 1997 figures.

1	Tokyo, Japan	26,836
2	São Paulo, Brazil	.. 16,417
3	New York, USA	.. 16,329
4	Shanghai, China	15,082
5	Mexico City, Mexico	15,048
6	Bombay (Mumbai), India	.. 12,572
7	Los Angeles, USA	12,410
8	Beijing, China	12,362
9	Seoul, South Korea	11,641
10	Jakarta, Indonesia	11,500
11	Buenos Aires, Argentina	11,256
12	Calcutta, India	10,916
13	Tianjin, China	10,687
14	Osaka, Japan	10,601
15	Lagos, Nigeria	10,287
16	Cairo, Egypt	9,900
17	Rio de Janeiro, Brazil	9,888
18	Karachi, Pakistan	9,863
19	Paris, France	9,319
20	Manila, Philippines	9,280

This population explosion has been caused partly by better medical care, which has reduced child mortality and increased the average life expectancy at birth throughout the world. But it has also created problems. In some developing countries, nearly half of the people are children. They make no contribution to the economy, but they require costly education and health services. In richer countries, the high proportion of retired people is also a strain on the economy.

In the 21st century, for the first time in 10,000 years, the majority of people are no longer forced to rely on farming for their livelihood. Instead, nearly half of them live in cities where many of them enjoy a high standard of living. But rapid urbanization also creates problems, especially in the developing world, with the growth of slums and an increase in homelessness and crime.

POPULATION BY CONTINENT



> The cartogram shows the populations of the continents in a diagrammatic way, with each square representing 1% of the world's population. For example, North America is represented by five squares, which means that it contains about 5% of the world's population, while Asia, the most populous continent even excluding the Asian part of the former USSR, is represented by 56 squares (China accounting for 19 of these). By contrast, Australasia is represented by less than half of a square because it contains only 0.45% of the world's population.

WORLD DEMOGRAPHIC EXTREMES

Fastest growing population; average annual % growth (1992–2000)

1	Nigeria	5.09
2	Afghanistan	4.21
3	Ivory Coast	3.54
4	Oman	3.52
5	Syria	3.51

Youngest populations; % aged under 15 years (1996)

1	West Bank/Gaza	51.7
2	Uganda	48.6
3	Benin	48.4
=	Niger	48.4
5	Zambia	48.2

Highest urban populations; % of population in urban areas (1996)

1	Singapore	100.0
=	Bermuda	100.0
3	Macau	99.0
4	Kuwait	97.0
5	Hong Kong	95.0

Most male populations; number of men per 100 women (1997)

1	Qatar	193.3
2	United Arab Emirates	176.4
3	Bahrain	133.7
4	Saudi Arabia	125.1
5	Oman	113.4

Slowest growing population; average annual % growth (1992–2000)

1	Kuwait	-1.39
2	Ireland	-0.24
3	St Kitts & Nevis	-0.22
4	Bulgaria	-0.13
5	Latvia	-0.10

Oldest populations; % aged over 65 years (1996)

1	Sweden	17.3
2	Italy	16.1
3	Greece	15.9
=	Norway	15.9
5	Belgium	15.8

Lowest urban populations; % of population in urban areas (1996)

1	Bhutan	6.0
=	Rwanda	6.0
3	Burundi	8.0
4	Ethiopia	13.0
=	Uganda	13.0

Fewest male populations; number of men per 100 women (1997)

1	Latvia	84.3
2	Ukraine	86.8
3	Russia	88.0
5	Estonia	88.7
4	Belarus	88.8

Languages & Religions

ALL PEOPLE BELONG to one species, *Homo sapiens*, but within that species is a great diversity of cultures. Two of the main factors that give people an identity and sense of kinship with their neighbours are language and religion.

Definitions of languages vary and as a result estimates of the total number of languages in existence range from about 3,000 to 6,000. Many languages are spoken only by a small number of people. Papua New Guinea, for example, has only 4.2 million people but 869 languages.

The world's languages are grouped into families, of which the Indo-European is the largest. Indo-European languages are spoken in a zone stretching from



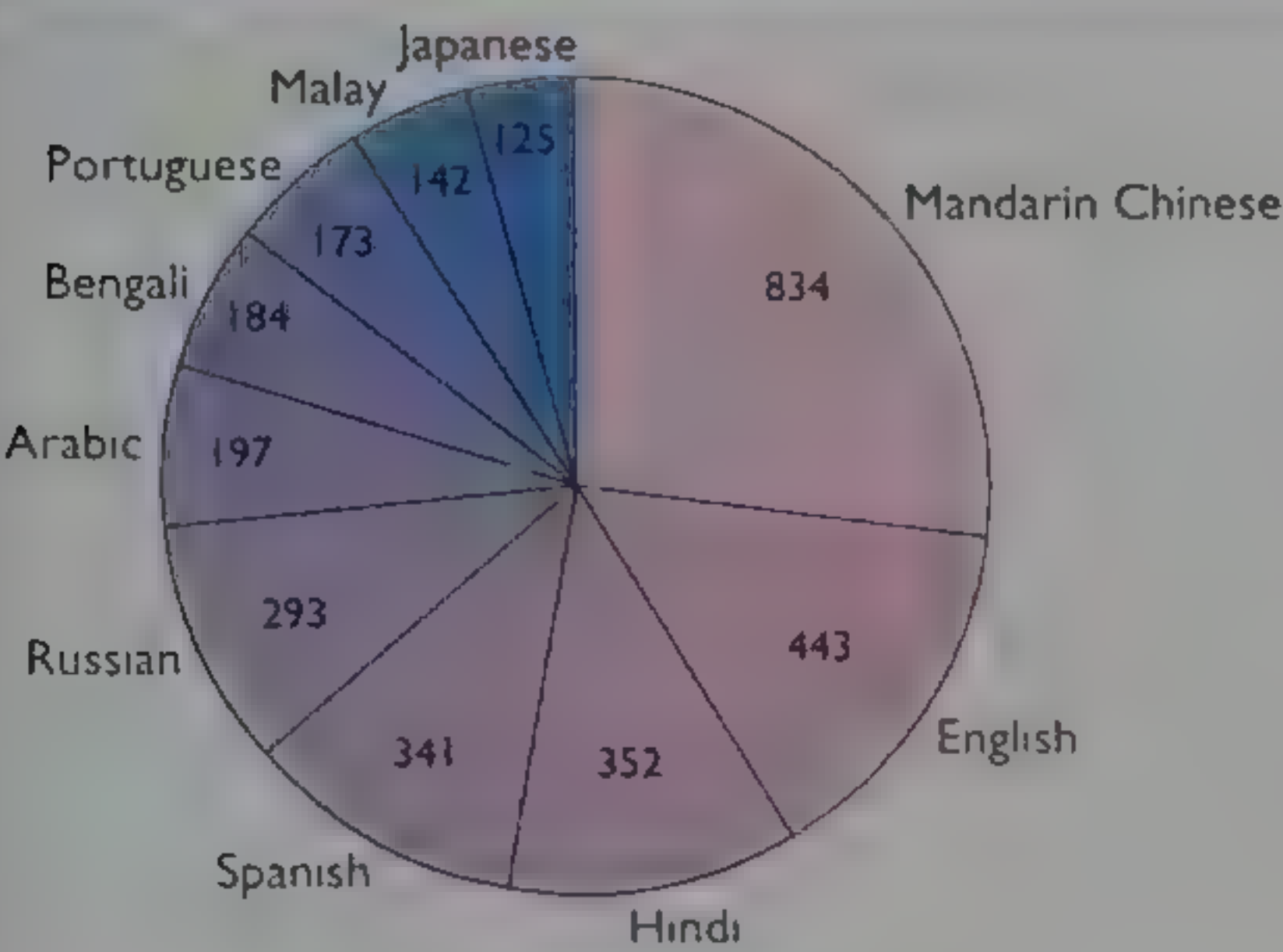
> Religion is a major force in South-east Asia. About 94% of the people in Thailand are Buddhists, and more than 40% of men over the age of 20 spend some time, if only a few weeks, serving as Buddhist monks. Confucianism, Islam, Hinduism, and Christianity are also practised in Thailand.

THE WORLD'S LANGUAGES



Indo-European Family				Afro-Asiatic Family				Altaic Family				Austro-Asiatic Family			
1	Balto-Slavic group (inc. Russian, Ukrainian)	11	Semitic group (inc. Arabic)	18	Turkic group	25	Mon-Khmer group	2	Germanic group (inc. English, German)	12	Kushitic group	19	Mongolian group	26	Munda group
3	Celtic group	13	Berber group	20	Tungus-Manchu group	27	Vietnamese	4	Greek	14	Khoisan Family	21	Japanese & Korean	28	Dravidian Family (inc. Telugu, Tamil)
6	Iranian group	15	Niger-Congo Family	22	Sinitic (Chinese) languages	29	Austronesian Family (inc. Malay-Indonesian)	8	Armenian	16	Nilo-Saharan Family	23	Tibetic-Burmic languages	30	Other Languages
8	Romance group (inc. Spanish, Portuguese, French, Italian)	17	Uralic Family	24	Tai Family			9	Indo-Aryan group (inc. Hindi, Bengali, Urdu, Punjabi, Marathi)						
10	Caucasian Family														

NATIVE SPEAKERS



> The chart shows the native speakers of major languages in millions. Mandarin Chinese is the language of 834 million, as compared with English, which has 443 million speakers. However, many other people speak English as a second language.

Europe, through south-western Asia into the Indian subcontinent. In addition, during the period of European colonization, they spread throughout North and South America and also to Australia and New Zealand. Today about two-fifths of the world's people speak an Indo-European language, as compared with one-fifth who speak a language belonging to the Sino-Tibetan language.

The Sino-Tibetan language family includes Chinese, which is spoken as a first language by more people than any other. English is the second most important first language, but it is more important than Chinese in international affairs and business, because so many people speak it as a second language.

RELIGIONS

Christianity is the religion of about a third of the world's population. Other

Religious Adherents ▼

The world's major religions, with the number of adherents in millions (latest available year)

Christian	1,669
Roman Catholic	952
Protestant	337
Orthodox	162
Anglican	70
Other Christian	148
Muslim	945
Sunni	841
Shia	104
Hindu	663
Buddhist	312
Chinese folk	172
Ethnic/local	92
Jewish	18
Sikh	17

major religions include Buddhism, Islam, Hinduism, Judaism, Chinese folk religions and traditional tribal religions.

Religion is a powerful force in human society, establishing the ethics by which people live. It has inspired great music, painting, architecture and literature, yet at the same time religion and language have contributed to conflict between people throughout history. Even today, the cause of many of the conflicts around the world are partly the result of linguistic and religious differences.

ALPHABETS

The Greek Alphabet

Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω
A V/B G D E Z E TH I K L M N X O P R S T Y F CH PS O

The Cyrillic Alphabet

А Б В Г Д Е Ё Ж З И Й К Л М Н О П Р С Т У Ф Х Ц Ч Ш Щ Ю Я
A B V G D E YO ZH Z I Y K L M N O P R S T U F KH TS CH SH SHCH YU YA

Agriculture & Industry

BECAUSE IT SUPPLIES so many basic human needs, agriculture is the world's leading economic activity. But its relative importance varies from place to place. In most developing countries, agriculture employs more people than any other activity. For example, the diagram at the bottom of this page shows that more than 90% of the people of Nepal are employed in farming.

Many farmers in developing countries live at subsistence level, producing barely enough to supply the basic needs of their families. Alongside the subsistence sector, some developing countries produce one or two cash crops that they export. Dependence on cash crops is precarious: when world commodity prices fall, the country is plunged into financial crisis.

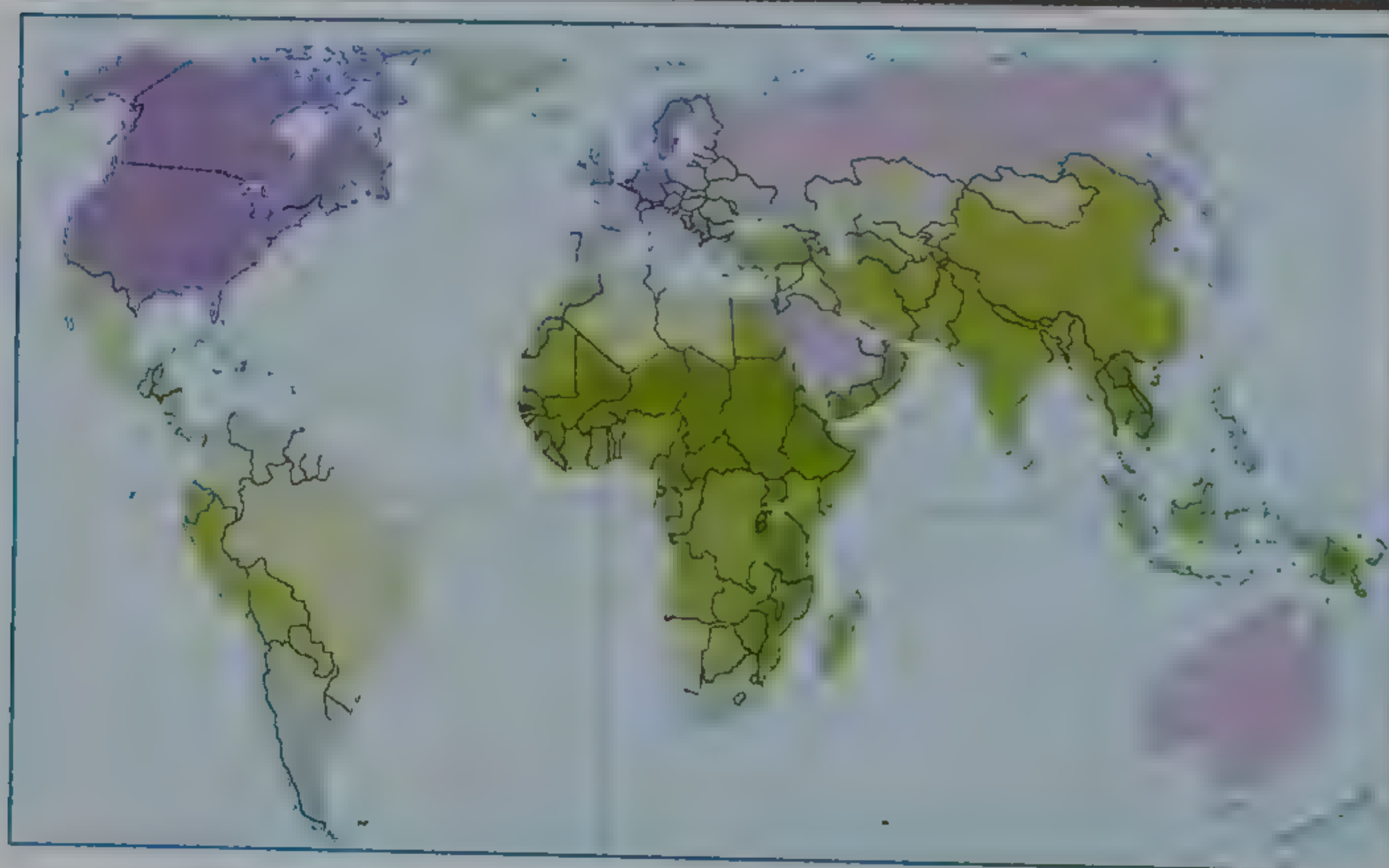
In developed countries, by contrast, the proportion of people engaged in agriculture has declined over the last 200



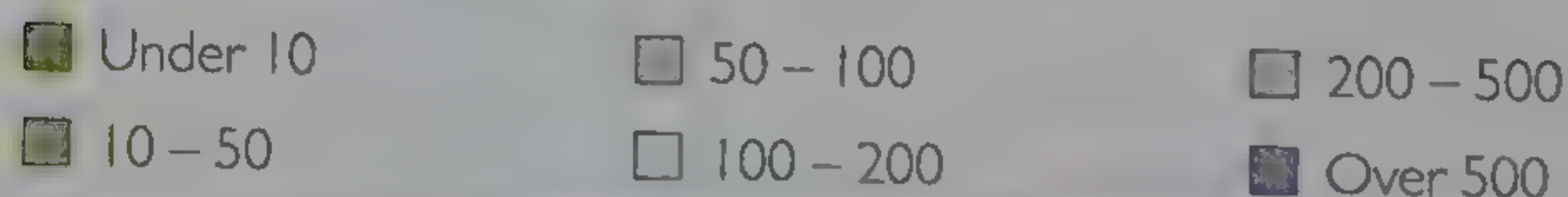
> The cultivation of rice, one of the world's most important foods, is still carried out by hand in many areas. But the introduction of new strains of rice has greatly increased yields.

years. Yet, by using farm machinery and scientific methods, notably the selective breeding of crops and animals, the production of food has soared. For example, although agriculture employs only 3% of its workers, the United States is one of the world's top food producers.

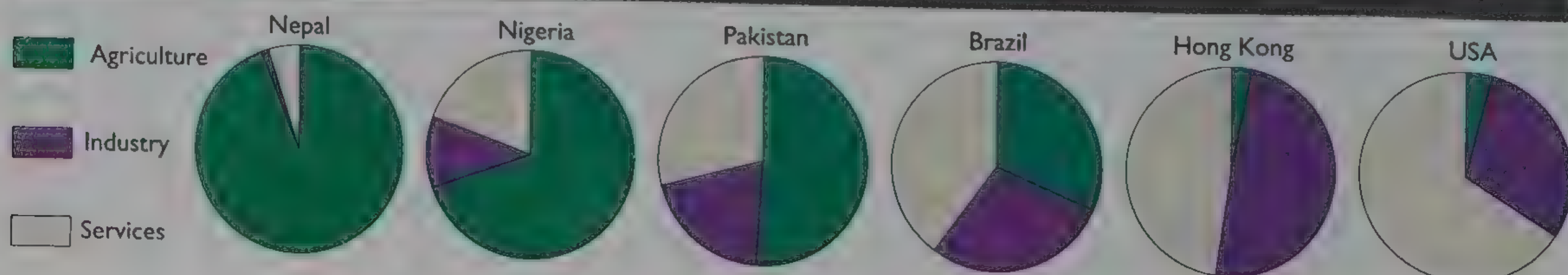
EMPLOYMENT



The number of workers employed in manufacturing for every 100 workers engaged in agriculture (latest available year)



DIVISION OF EMPLOYMENT



PATTERNS OF PRODUCTION

> The table shows how the economy breaks down (in terms of the Gross Domestic Product for 1997) in a selection of industrialized countries. Agriculture remains important in some countries, though its percentage share has steadily declined since the start of the Industrial Revolution. Industry, especially manufacturing, accounts for a higher proportion, but service industries account for the greatest percentage of the GDP in most developed nations. The figures for Manufacturing are shown separately from Industry because of their importance in the economy.

Country	Agriculture	Industry (excl. manufacturing)	Manufacturing	Services
Australia	3%	24%	12%	61%
Austria	1%	24%	14%	61%
Brazil	10%	28%	18%	44%
Denmark	4%	7%	20%	69%
Finland	5%	3%	28%	64%
France	2%	20%	13%	65%
Germany	1%	8%	24%	67%
Greece	17%	13%	23%	47%
Hungary	4%	24%	14%	58%
Ireland	8%	7%	3%	82%
Italy	3%	8%	21%	68%
Japan	1%	28%	19%	52%
Kuwait	0%	46%	9%	45%
Mexico	4%	18%	17%	61%
Netherlands	3%	21%	12%	64%
Norway	2%	24%	10%	64%
Singapore	0%	29%	17%	54%
Sweden	3%	8%	28%	61%
UK	2%	8%	23%	67%
USA	3%	10%	20%	67%

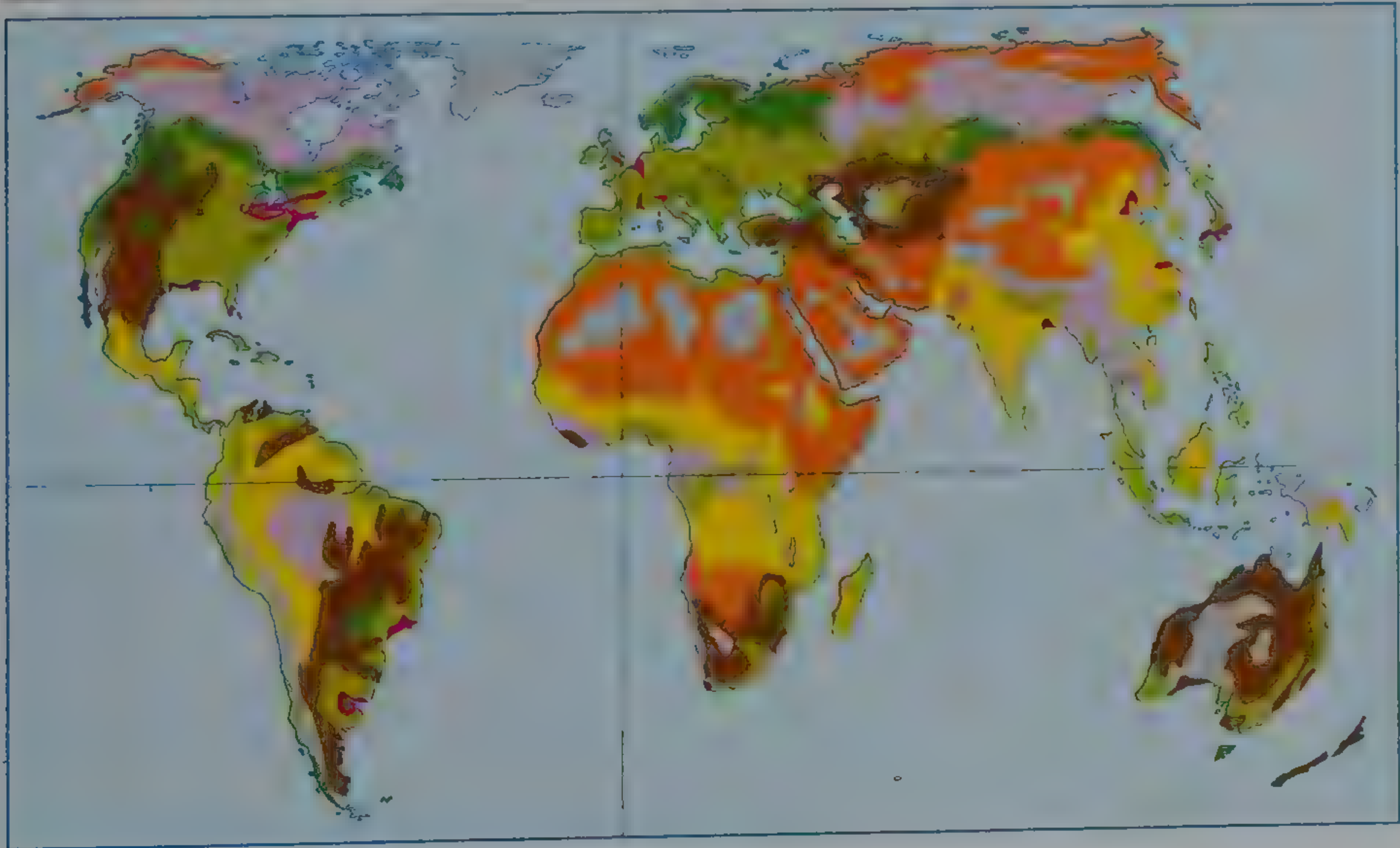
income and employment in industrialized countries, and rapidly widened the wealth gap between them and the poorer non-industrialized countries whose economies continued to rely on agriculture.

SERVICE INDUSTRIES

Eventually, the manufacturing sector became so efficient that it could supply most of the things that people wanted to buy. Trade between industrialized countries also increased, so widening the choice for consumers in the developed world. These factors led to a further change in the economies of developed countries, namely a reduction in the relative importance of manufacturing and the growth of the service sector.

Service industries include such activities as government, transport, insurance, finance, and even the writing of computer software. In the United States, service industries now account for about two-thirds of the Gross National Product (GNP), while in Japan they account for just over half. But the wealth of both countries still rests on their massive industrial production.

AGRICULTURE



- Predominant type of farming or land use
- Nomadic herding
 - Hunting, fishing & gathering
 - Subsistence agriculture
 - Commercial ranching
 - Commercial livestock & grain farming
 - Urban areas
 - Forestry
 - Unproductive land

Trade & Commerce

TRADE HAS ALWAYS been an important human activity. It has widened the choice of goods available in any country, lowered prices and generally raised living standards. People regard any growth of world trade as a sign that the world economy is healthy, whereas a decline indicates a world recession.

Exports and imports are of two main kinds. Visible imports and exports include primary products, such as food and manufactures. Invisible imports and exports include services, such as banking, insurance, interest on loans, and money spent by tourists.

World trade, both visible and invisible, is dominated by the 29 members of the OECD (Organization for Economic Development), which includes the world's top trading nations, namely the United States, Japan, Germany, France, Italy and the United Kingdom, as well as Australia, New Zealand, Canada and Mexico. Hungary, Poland and South Korea joined in 1996.



> The new port of the historic Italian city of Ravenna is linked to the Adriatic Sea by a canal. The port has large oil refining and petrochemical industries.

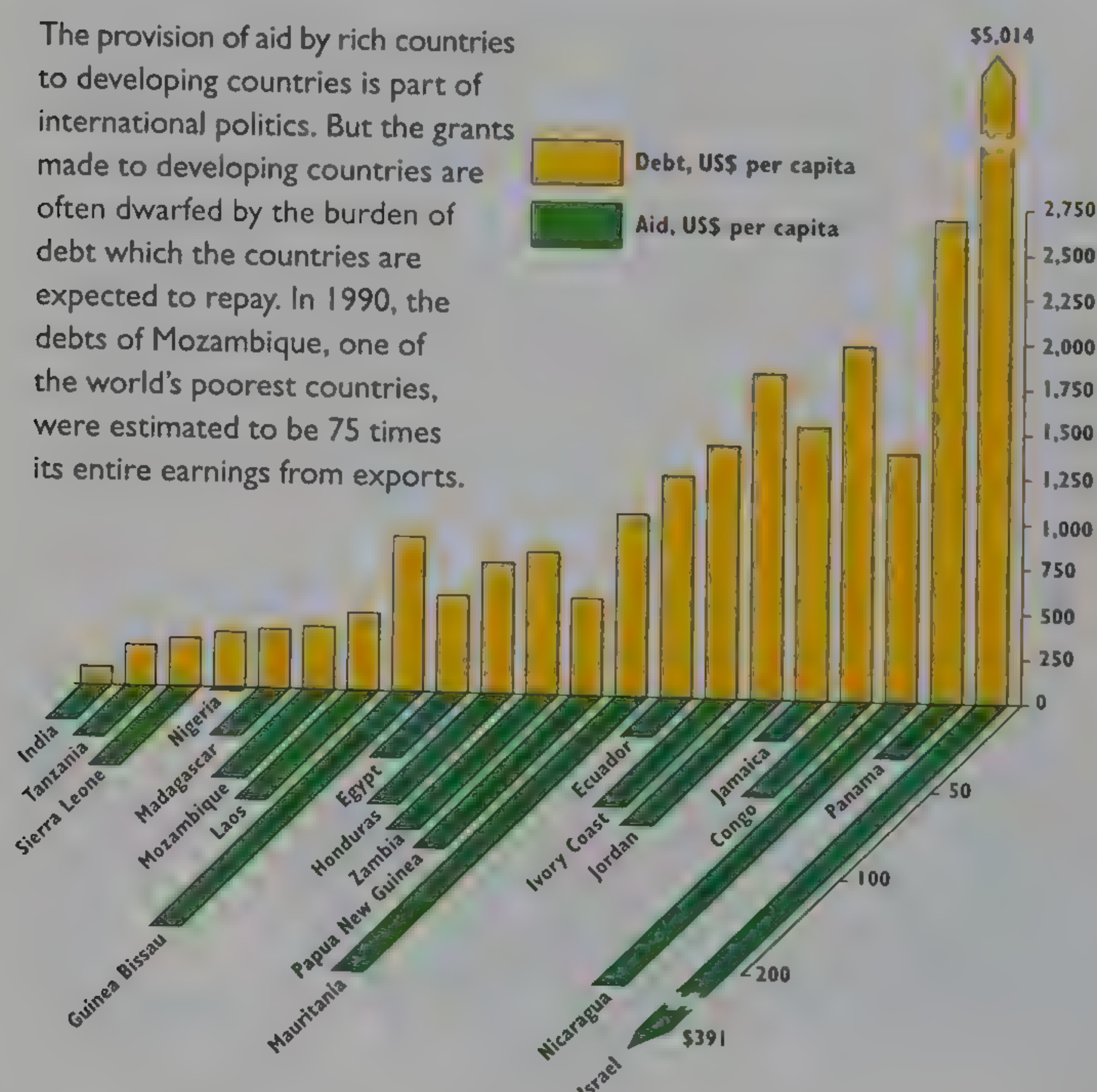
CHANGING EXPORTS

From the late 19th century to the 1950s, primary products, including farm products, minerals, natural fibres, timber and, in the latter part of this period, oil

DEBT AND AID

International debtors and the development aid they receive (1996)

The provision of aid by rich countries to developing countries is part of international politics. But the grants made to developing countries are often dwarfed by the burden of debt which the countries are expected to repay. In 1990, the debts of Mozambique, one of the world's poorest countries, were estimated to be 75 times its entire earnings from exports.



The World's Largest Businesses

The world's largest businesses in 1997 by sales, in billions of US\$.

1	General Motors, USA	168.4
2	Ford Motor, USA	147.0
3	Mitsui, Japan	144.9
4	Mitsubishi, Japan	140.2
5	Itochu, Japan	135.5
6	Royal Dutch/Shell Group, UK/Neths	128.2
7	Marubeni, Japan	124.0
8	Exxon, USA	119.4
9	Summitomo, Japan	119.3
10	Toyota Motor, Japan	108.7
11	Wal-Mart Stores, USA	106.1
12	General Electric, USA	79.2
13	Nissho Iwai, Japan	78.9
14	Nippon Telegraph/Telephone, Japan	78.3
15	Intl. business Machines, USA	75.9
16	Hitachi, Japan	75.7
17	AT&T, USA	74.5
18	Nippon Life Insurance, Japan	72.6
19	Mobil, USA	72.3
20	Daimler-Benz, Germany	71.6

TRADED PRODUCTS

The character of world trade has greatly changed in the last 50 years. While primary products were once the leading commodities, world trade is now dominated by manufactured products. Cars are the single most valuable traded product, followed by vehicle parts and engines. The next most valuable goods are high-tech products such as data processing (computer) equipment, telecommunications equipment, and transistors. Other items include aircraft, paper and board, trucks, measuring and control instruments, and electrical machinery. Trade in most manufactured products is dominated by the OECD countries. For example, the leading vehicle exporter is Japan, which became the world's leading car manufacturer in the 1980s. The United States, Germany, the United Kingdom, France and Japan lead in the production of data processing equipment.

and natural gas, dominated world trade.

Many developing countries still remain dependent on exporting mineral ores, fossil fuels, or farm products such as cocoa or coffee whose prices fluctuate according to demand. But today, manufactured goods are the most important commodities in world trade. The OECD nations lead the world in exporting manufactured goods, though they are being challenged by a group of 'tiger economies' in eastern Asia, notably Singapore, Hong Kong and Taiwan. Other rapidly industrializing countries in Asia include Thailand, Malaysia and the Philippines. The generally cheap labour costs of these countries have enabled them to produce manufactured goods for export at prices lower than those charged for goods made in Western countries.

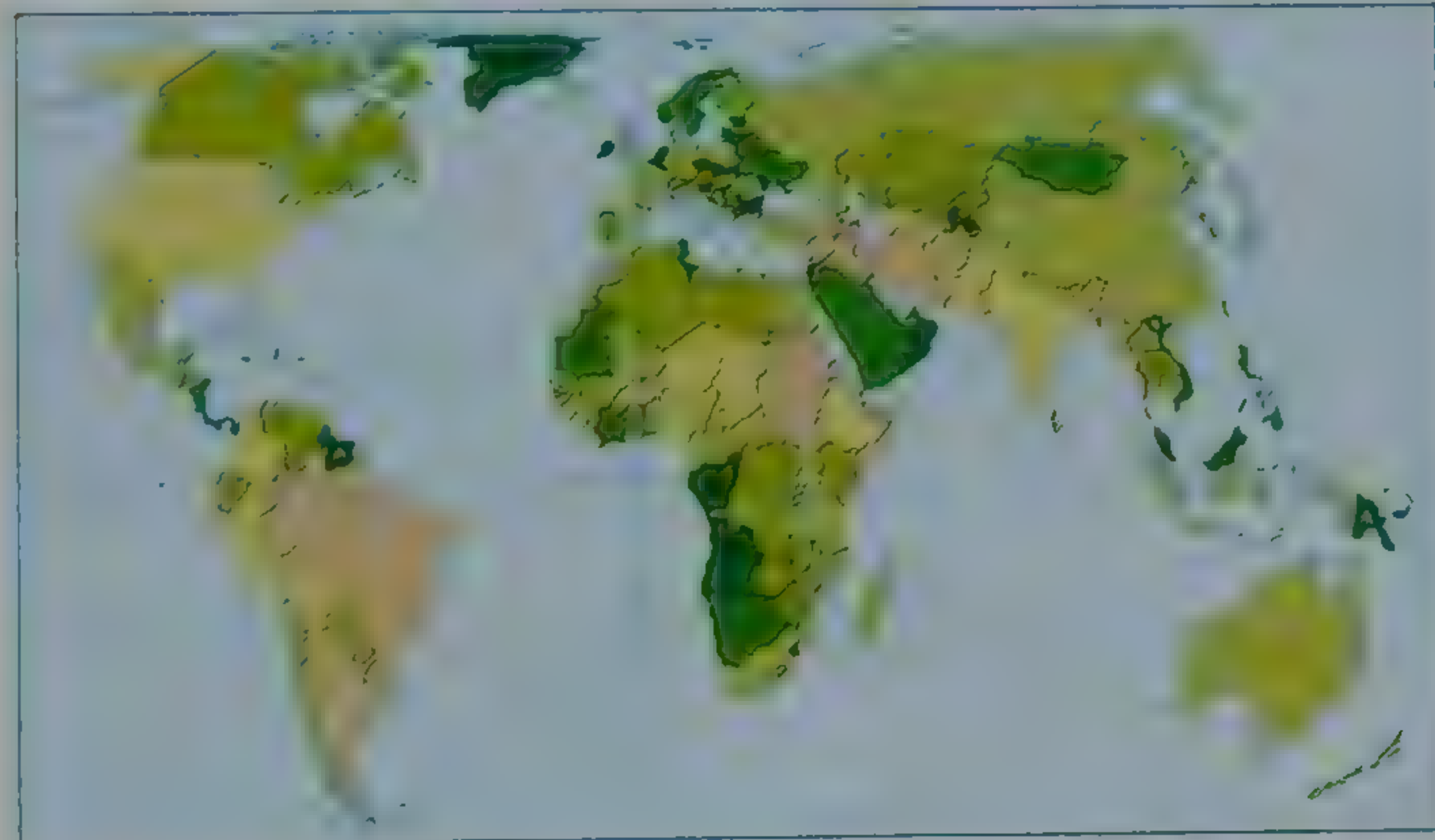
Private companies carry on most of the world's trade. The small proportion handled by governments decreased recently with the collapse of Communist regimes in eastern Europe and the former Soviet Union.

SHARE OF WORLD TRADE



Percentage share of total world exports by value (1996)

DEPENDENCE ON TRADE



Value of exports as a percentage of Gross Domestic Product (1997)

Trade in Oil ▾			
Major world trade in oil in millions of tonnes (1997)			
Middle East to Asia (not Japan)	294.4	Mexico to USA	68.0
Middle East to Japan	218.1	W. Africa to W. Europe	40.1
Middle East to W. Europe	187.9	Western Europe to USA	32.9
S. and C. America to USA	132.1	Middle East to Africa	32.0
N. Africa to W. Europe	97.9	Middle East to South and Central America	27.8
CIS to Western Europe	90.8	CIS to Central Europe	31.8
Middle East to USA	86.9	Middle East to Central Europe	19.3
Canada to USA	72.7	Total world trade	1,978.9
West Africa to USA	68.3		

Transport & Travel

ABOUT 200 YEARS ago, most people never travelled far from their birthplace. But adventurous travellers can now reach almost any part of the world.

Transport is concerned with moving goods and people around by land, water and air. Land transport was once laborious, and was dependent on pack animals or animal-drawn vehicles. But during the Industrial Revolution, railways played a vital role in moving bulky materials and equipment required by factories. They were also important in the opening up and development of remote areas around the world in North and South America, Africa, Asia and Australia.

Today, however, motor vehicles have taken over many of the functions once served by railways. Unlike railways, motor vehicles provide a door-to-door service and, through the invention of heavy trucks, they can also carry large loads. In the mid-1990s, about 90% of inland freight in Britain was carried by road, while car and van travel accounted for 86% of passenger travel, as compared with 6% by buses and coaches, 5% by rail and less than 1% by air.



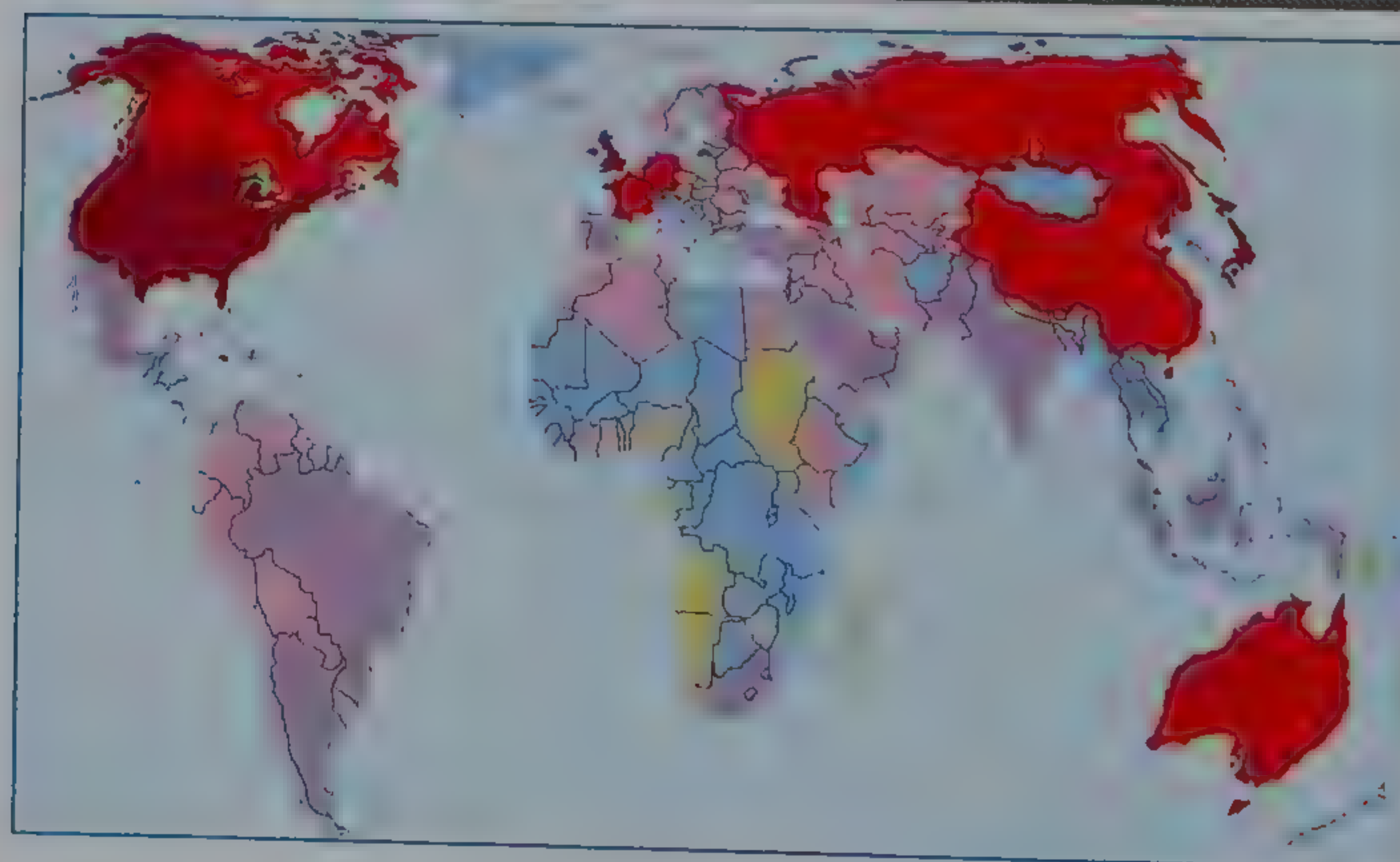
> Traffic jams and vehicle pollution have affected cities throughout the world. Many of Bangkok's beautiful old canals have been filled in to provide extra roads to cope with the enormous volume of traffic in the city

TRAVEL & TOURISM

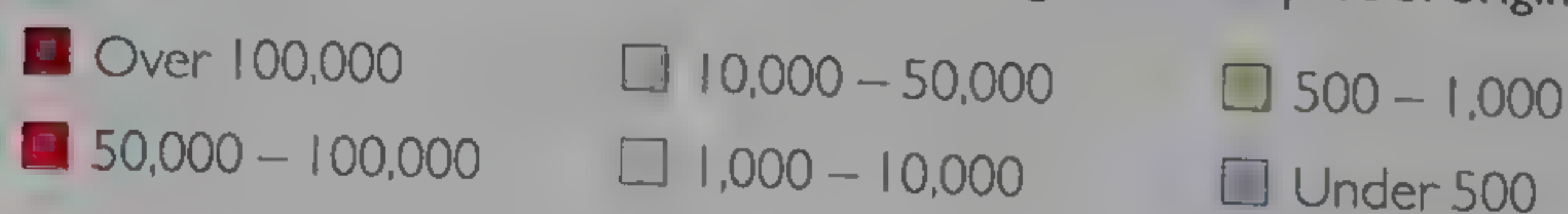
Sea transport, which now employs huge bulk grain carriers, oil tankers and container ships, still carries most of the world's trade. But since the late 1950s, fewer passengers have travelled overseas by sea, because air travel is so much faster, though many former ocean liners now operate successfully as cruise ships.

Air travel has played a major part in the rapid growth of the tourist industry,

AIR TRAVEL



Number of passenger kilometres flown, in millions (1996). Passenger kilometres are the number of passengers (both international and domestic) multiplied by the distance flown by each passenger from airport of origin.



The World's Busiest Airports ▼

Total number of passengers, in thousands (1997)

1	O'Hare Intl., Chicago	70,295
2	Hartsfield Atlanta Int., Atlanta	68,206
3	Dallas/Fort Worth Int., Dallas	60,489
4	Los Angeles Intl., Los Angeles	60,143
5	Heathrow, London	57,975
6	Haneda, Tokyo	49,302
7	San Francisco Intl., San Francisco	40,500
8	Frankfurt/Main, Frankfurt	40,263
9	Kimpo Intl., Seoul	36,757
10	Charles de Gaulle, Paris	35,294
11	Denver Intl., Denver	34,973
12	Miami Intl., Miami	34,533
13	Schiphol, Amsterdam	31,570
14	Metro Wayne County, Detroit	31,521
15	John F. Kennedy Intl., New York	31,229

The Longest Rail Networks ▼

Extent of rail network, in thousands of kilometres (1996)

1	USA	243.3
2	Russia	87.1
3	India	62.9
4	China	56.7
5	Germany	40.8
6	Argentina	34.2
7	France	31.9
8	Mexico	26.5
9	South Africa	25.9
10	Poland	23.4

THE IMPORTANCE OF TOURISM

Nations receiving the most from tourism, millions of US\$ (1996)

1	USA	64,400
2	Spain	28,400
3	France	28,200
4	Italy	27,300
5	UK	20,400
6	Austria	15,100
7	Germany	13,200
8	Hong Kong	11,200
9	China	10,500
10	Switzerland	9,900

Fastest growing tourist destinations, % change in receipts (1994-95)

1	South Korea	49%
2	Czech Republic	27%
3	India	21%
4	Russia	19%
5	Philippines	18%
6	Turkey	17%
7	Thailand	15%
8	Poland	13%
9	China	12%
10	Israel	12%

Number of tourist arrivals, millions (1996)

1	France	66,800
2	USA	49,038
3	Spain	43,403
4	Italy	34,087
5	UK	25,960
6	China	23,770
7	Poland	19,514
8	Mexico	18,667
9	Canada	17,610
10	Czech Republic	17,400

Overseas travellers to the USA, thousands (1997)

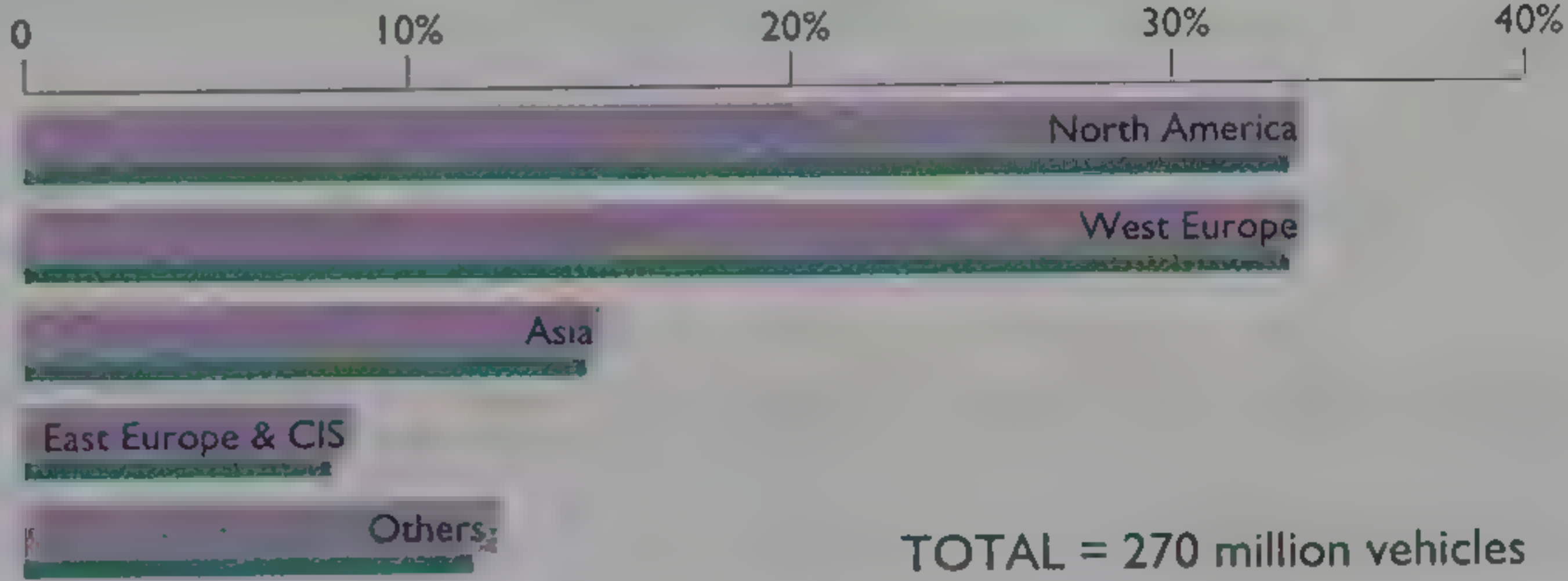
1	Canada	13,900
2	Mexico	12,370
3	Japan	4,640
4	UK	3,350
5	Germany	1,990
6	France	1,030
7	Taiwan	885
8	Venezuela	860
9	South Korea	800
10	Brazil	785

which accounted for 7.5% of world trade by the mid-1990s. Travel and tourism have greatly increased people's understanding and knowledge of the world, especially in the OECD countries, which account for about 8% of world tourism.

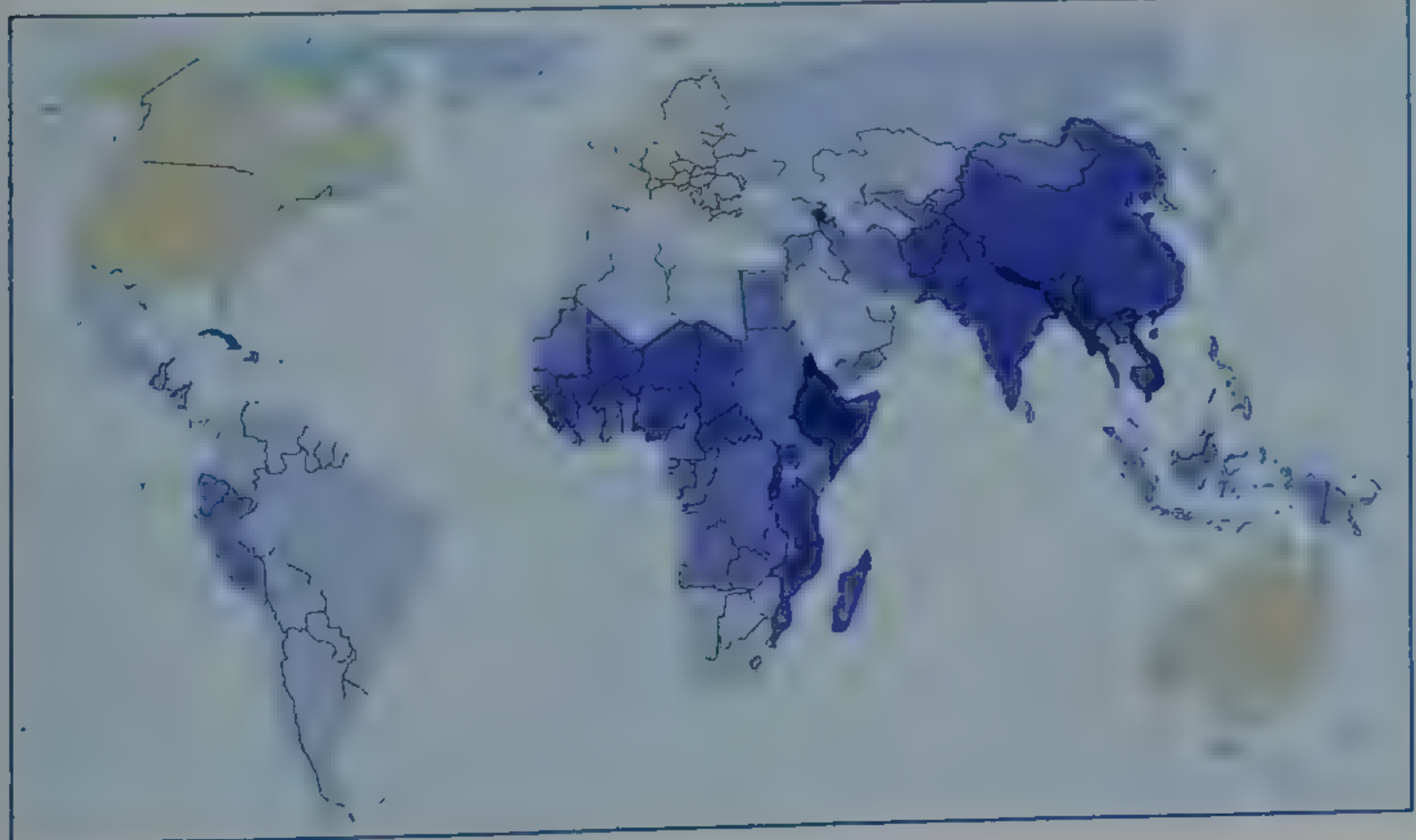
Some developing countries have large tourist industries which have provided employment and led to improvements in roads and other facilities. In some cases, tourism plays a vital role in the economy. For example, in Kenya, tourism provides more income than any other activity apart from the production and sale of coffee. However, too many tourists can damage fragile environments, such as the wildlife and scenery in national parks. Tourism can also harm local cultures.

THE WORLD'S VEHICLES

Proportion of the world's vehicles by region (1994)



CAR OWNERSHIP



Number of people per car (1996)

- | | |
|-------------|----------|
| Over 1,000 | 25 - 100 |
| 500 - 1,000 | 5 - 25 |
| 100 - 500 | Under 5 |

Two-thirds of the world's vehicles are found in the developed countries of Europe and North America. Car ownership is also high in Australia and New Zealand, as well as in Japan, the world's leading car exporter. Car transport is the most convenient form of passenger travel, but air pollution caused by exhaust fumes is a serious problem in many large cities.

International Organizations

IN THE LATE 1980s, people rejoiced at the collapse of Communist regimes in eastern Europe and the former Soviet Union, because this brought to an end the Cold War, a long period of hostility between East and West. But hope of a new era of peace was shattered when ethnic and religious rivalries led to civil war in Yugoslavia and in parts of the former Soviet Union.

In order to help maintain peace, many governments have formed international organizations to increase co-operation. Some, such as NATO (North Atlantic



> In the early 1990s, the United Nations peacekeeping mission worked to end the civil war in Bosnia-Herzegovina and also to bring aid to civilians affected by the fighting.

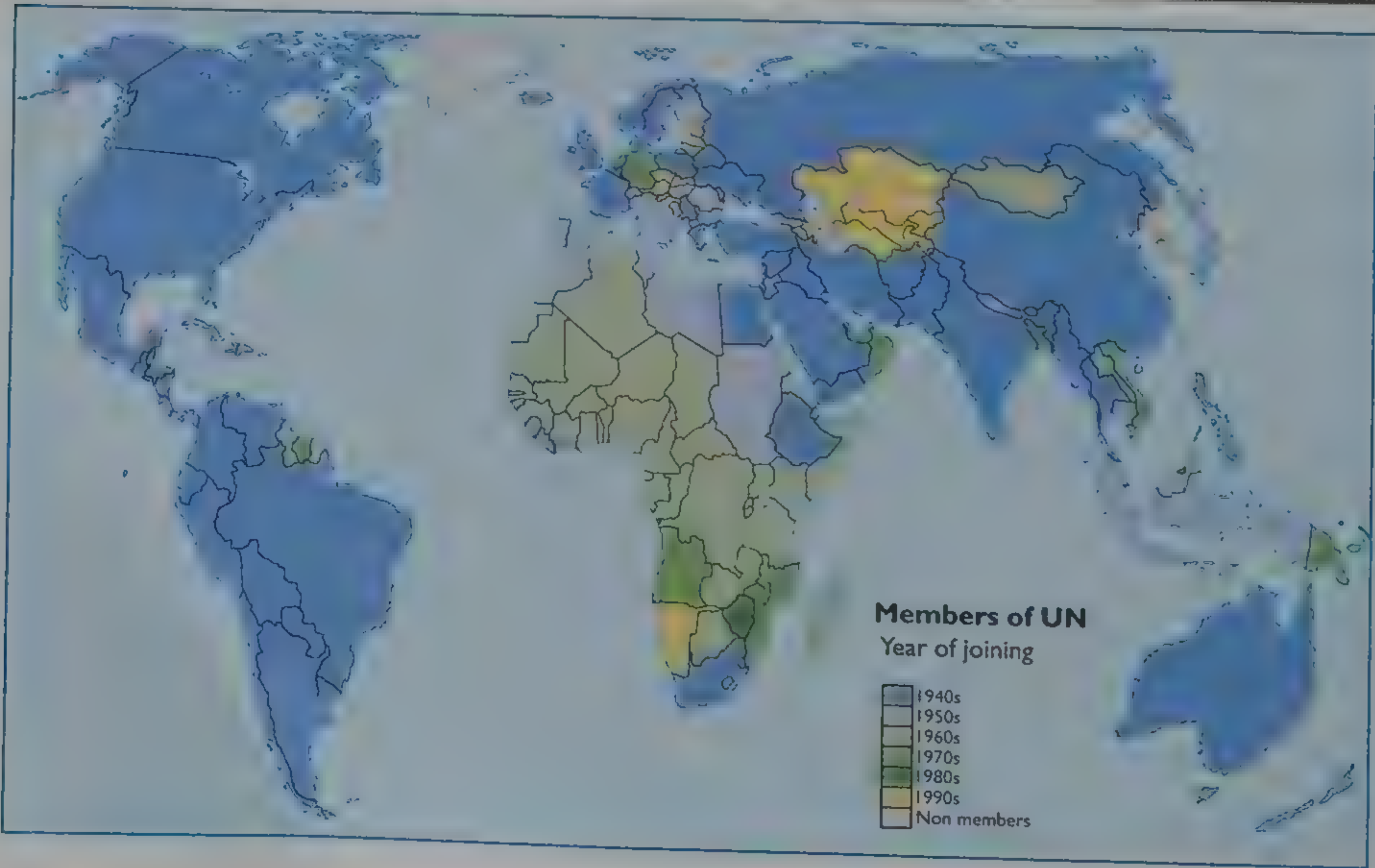
Treaty Organization), are defence alliances, while others aim to encourage economic and social co-operation. Some organizations such as the Red Cross are non-governmental organizations, or NGOs.

UN Contributions ▼		
In 1996–97, the top ten contributing countries to the UN budget, which was US\$2.6 billion, were as follows:		
1	USA	25.0%
2	Japan	15.4%
3	Germany	9.0%
4	France	6.4%
5	UK	5.3%
6	Italy	5.2%
7	Russia	4.5%
8	Canada	3.1%
9	Spain	2.4%
10	Brazil	1.6%

UNITED NATIONS

The United Nations, the chief international organization, was formed in October 1945 and now has 185 member countries. The only independent nations that are not members are Kiribati, Nauru, Switzerland, Taiwan, Tonga, Tuvalu and the Vatican City.

THE UNITED NATIONS



> The membership of the UN had risen from 51 in 1945 to 185 by the end of 1998. The first big period of expansion came in the 1960s when many former colonies achieved their independence. The membership again expanded rapidly in the 1990s when new countries were formed from the former Soviet Union and Yugoslavia. The most recent addition, Palau, is a former US trust territory in the Pacific Ocean and joined in 1994.

The United Nations was formed at the end of World War II to promote peace, international co-operation and security, and to help solve economic, social, cultural and humanitarian problems. It promotes human rights and freedom and is a forum for negotiations between nations.

The main organs of the UN are the General Assembly, the Security Council, the Economic and Social Council, the Trusteeship Council, the International Court of Justice and the Secretariat.

The UN also operates 14 specialized agencies concerned with particular issues, such as agriculture, education, working conditions, communications and health. For example, UNICEF (the United Nations International Children's Fund), established in 1946 to deliver post-war relief to children, now aims to provide basic health care to children and mothers worldwide. The ILO (International Labour Organization) seeks to improve working conditions, while the FAO (Food and Agricultural Organization) aims at improving the production and distribution of food. The WTO (World Trade Organization) was set up as recently as January 1995 to succeed GATT (General Agreements on Tariffs and Trade).

THE UNITED NATIONS

THE GENERAL ASSEMBLY is the meeting of all member nations every September under a newly-elected president to discuss issues affecting development, peace and security.

THE SECURITY COUNCIL has 15 members, of which five are permanent. It is responsible for maintaining international peace.

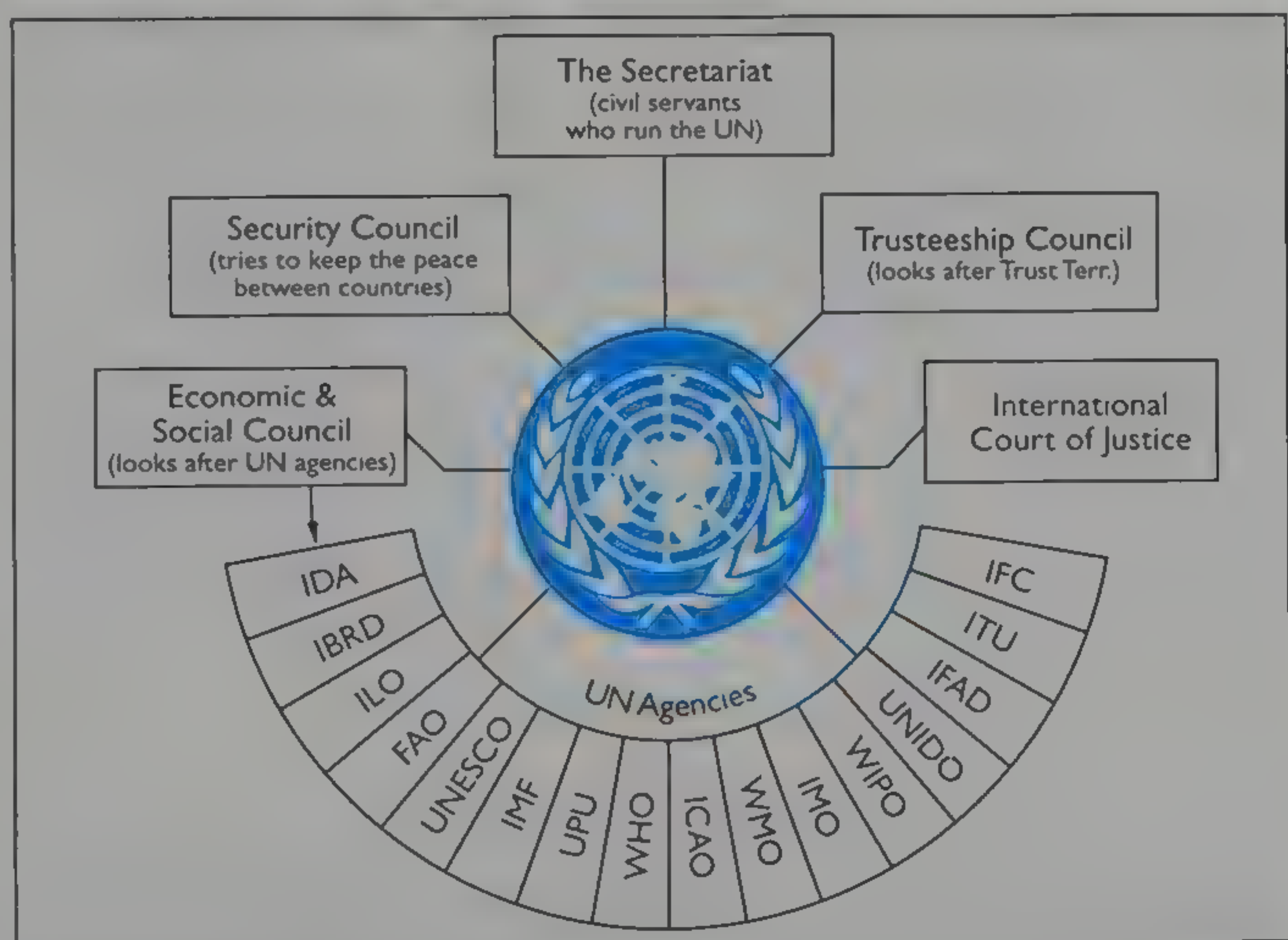
THE SECRETARIAT consists of the staff and employees of the UN, including the Secretary-General (appointed for a five-year term), who is the UN's chief administrator.

THE ECONOMIC & SOCIAL COUNCIL works with the specialized agencies to implement UN policies on improving living standards, health, cultural and educational co-operation.

THE TRUSTEESHIP COUNCIL was designed to bring several dependencies to independence. This work is now complete.

THE INTERNATIONAL COURT OF JUSTICE, or World Court, deals with legal problems and helps to settle disputes. Its headquarters are at The Hague, in the Netherlands.

UN DEPARTMENTS



UN PEACEKEEPING MISSIONS

The United Nations tries to resolve international disputes in several ways. It sends unarmed observer missions to monitor cease-fires or supervise troop withdrawals, and the Security Council members also send peacekeeping forces.

The first of these forces was sent in 1948 to supervise the cease-fire between Arabs and Jews in disputed parts of Palestine and, since then, it has undertaken more than 30 other missions. The 'Blue Berets', as the 25,650 UN troops are called, must be impartial in any dispute

and they can fire only in self-defence. Hence, they can operate only with the support of both sides, which leaves them open to criticism when they are unable to prevent violence by intervening.

By the mid-1990s, the UN was involved in 15 world conflicts, was policing the boundary in partitioned Cyprus, and was seeking to enforce a peace agreement in Angola after 20 years of civil war. Other UN missions were in Tajikistan, Georgia, the Israeli-occupied Golan Heights, Haiti, Kuwait, southern Lebanon, the India-

Pakistan border, Liberia, Mozambique, Western Sahara and the former Yugoslavia. A force known as UNPROFOR (UN Protection Force) had been operating in Bosnia-Herzegovina and, by 1995, it accounted for 60% of the total UN peacekeeping budget. In February 1996, the Secretary-General of the UN approved the setting up of a new force, the United Nations Mission in Bosnia-Herzegovina (UNMIBH). Its main objective was to help create the right climate for the elections held in September 1996.

International Organizations



ECONOMIC ORGANIZATIONS

Over the last 40 years, many countries have joined common markets aimed at eliminating trade barriers and encouraging the free movement of workers and capital.

The best known of these is the European Union. Other organizations include ASEAN (the Association of South-east Asian Nations), which aims at reducing trade barriers between its nine members: Brunei, Burma, Indonesia, Laos, Malaysia, the Philippines, Singapore, Thailand and Vietnam.

APEC (the Asia-Pacific Co-operation Group) was founded in 1989 and in-

cludes the countries of East and South-east Asia, as well as North America, plus Australia, New Zealand and Chile. APEC aims to create a free trade zone by 2020.

Together the United States, Canada and Mexico form NAFTA (North American Free Trade Agreement), which aims at eliminating trade barriers within 15 years of its foundation on 1 January 1994. Other economic groupings link the countries of Latin America.

Another economic group with more limited aims is OPEC (Organization of Petroleum Exporting Countries). It works to unify policies concerned with the sale of petroleum on world markets.

The central aim of the Colombo Plan is to provide economic development assistance for South and South-east Asia.

Other organizations exist for consultation on matters of common interest. The Commonwealth of Nations grew out of the links created by the British Empire, while the OAS (Organization of American States) works to increase understanding throughout the Western hemisphere. The OAU (Organization of

OTHER ORGANIZATIONS

Some organizations exist for consultation on matters of common interest. The Commonwealth of Nations grew out of the links created by the British Empire, while the OAS (Organization of American States) works to increase understanding throughout the Western hemisphere. The OAU (Organization of

THE EUROPEAN UNION

At the end of World War II (1939–45), many Europeans wanted to end the ancient enmities that had caused such destruction and rebuild the shattered continent. It was in this mood that Belgium, France, West Germany, Italy, Luxembourg and the Netherlands signed the Treaty of Paris in 1951. This set up the European Coal and Steel Community (ECSC), the forerunner of the European Union.

In 1957, through the Treaty of Rome, the same six countries created the European Economic Community (EEC) and the European Atomic Community (EURATOM). In 1967, the ECSC, the EEC and EURATOM merged to form the

single European Community (EC).

Another economic group, the European Free Trade Association (EFTA), was set up in 1960 by seven countries: Austria, Denmark, Norway, Portugal, Sweden, Switzerland, and the United Kingdom. However, Denmark, Ireland and the UK left to become members of the EC in 1973, followed by Greece in 1981, Spain and Portugal in 1986, and Austria, Finland and Sweden in 1995. The expansion of the EC to 15 members left EFTA with just four members: Iceland, Liechtenstein, Norway and Switzerland.

In 1993, following the signing of the Maastricht Treaty, the EC was reconstituted

as the European Union (EU). The aims of the EU include economic and monetary union, a single currency for all 15 countries, and closer co-operation on foreign and security policies and also on home affairs. This step has led to a debate. Some people would like the EU to develop into a federal Europe, but others fear that this would lead to a loss of national identity. Another matter of importance is the future enlargement of the EU. By 1995, formal applications for membership had been received from Turkey, Malta, Cyprus, Poland, Hungary, Slovakia and Romania. Other possible members include the Czech Republic, Estonia, Latvia and Lithuania.

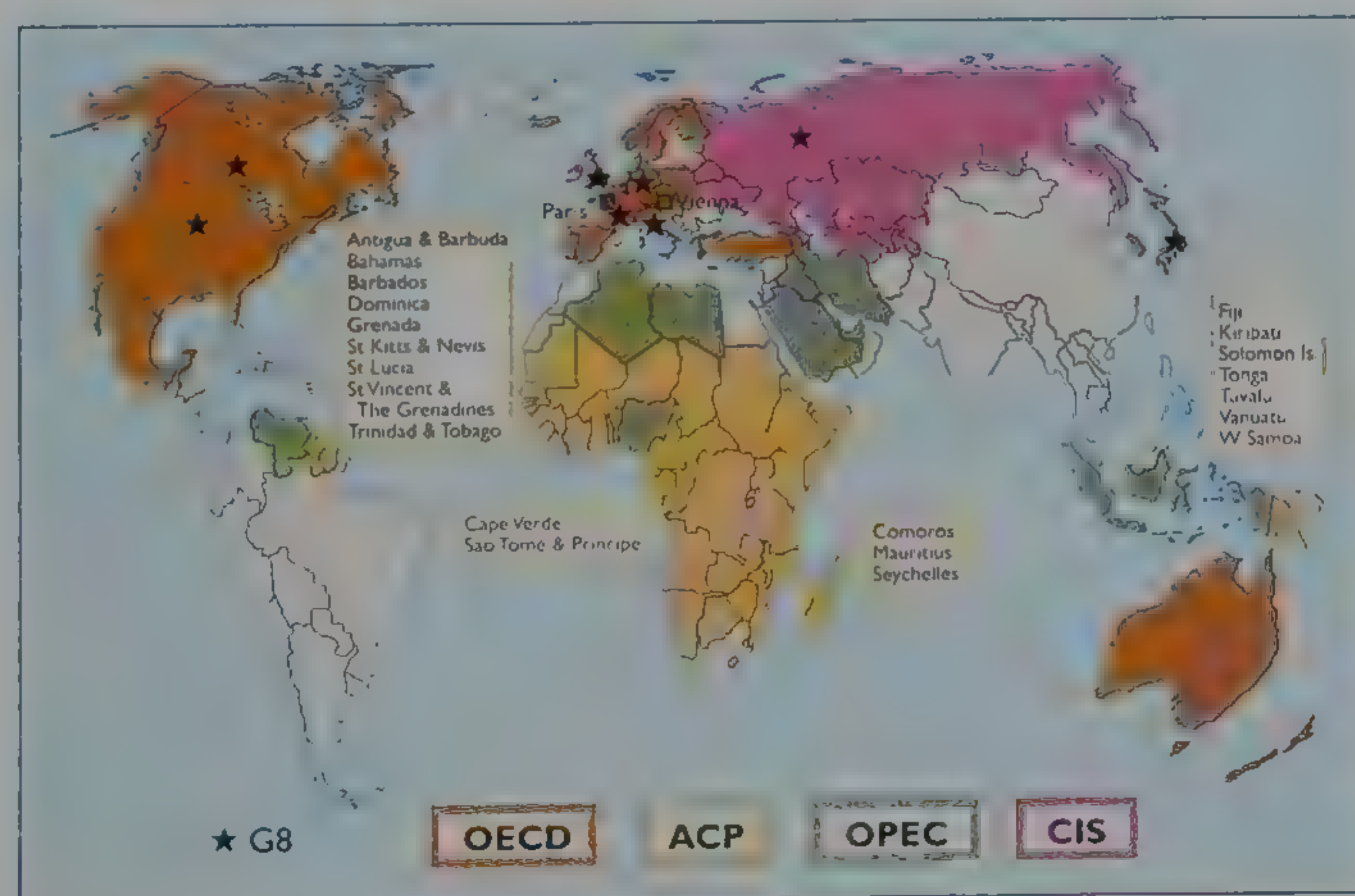
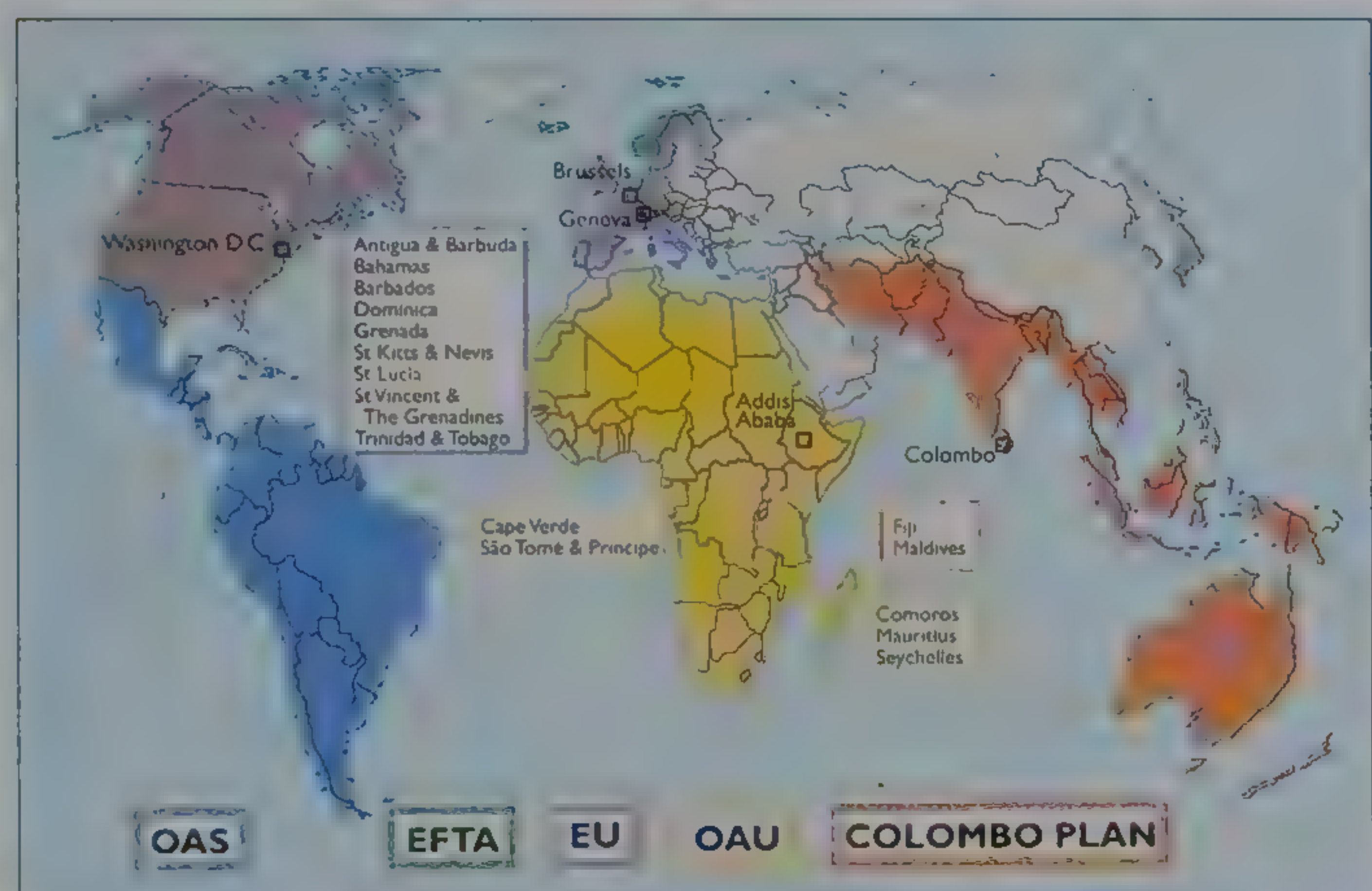
AUSTRALIA'S NEW ROLE

Most of the people who settled in Australia between 1788 and the mid-20th century came from the British Isles. However, the strong ties between Australia and Britain were weakened after Britain joined the European Community in 1973. Since 1973, many Australians have argued that their world position has changed and that they are part of a Pacific community of nations, rather than an extension of Europe. Some want closer integration with ASEAN, the increasingly powerful economic group formed by seven South-east Asian nations. But in 1995, the prime minister of Malaysia, Dr Mahathir Mohamad, argued that Australia could not be regarded as Asian until at least 70% of its people were of ethnic Asian origin.

African Unity) has a similar role in Africa, while the Arab League is made up of Arabic-speaking North African and Middle Eastern states. The recently formed CIS (Commonwealth of Independent States) aims to maintain links between 12 of the 15 republics which made up the Soviet Union.

NORTH-SOUTH DIVIDE

The deepest division in the world today is the divide between rich and poor nations. In international terms, this is called the North-South divide, because the North contains most of the world's developed countries, while the developing countries lie mainly in the South. The European Union recognizes this division and gives special trading terms to more than 60 former European dependencies, which form the ACP (African, Caribbean and Pacific) states. One organization containing a majority of developing countries is the Non-Aligned Movement. This Movement was created in 1961 during the Cold War as a political bloc allied neither to the East nor to the West. However, the aims of the 113 members who attended the movement's 11th gathering in 1995 were concerned mainly with economic matters. The 113 countries between them produce only about 7% of the world's gross output and they can speak for the poorer South.



> The maps above show the membership of major international organizations. One important grouping shown on the bottom map is the Group of Eight (often called 'G8'). This group of eight leading industrial nations (comprising Canada, France, Germany, Italy, Japan, Russia, the United Kingdom and the United States) holds periodic meetings to discuss major problems, such as world recessions.

Regions in the News

THE BREAK-UP OF YUGOSLAVIA



> The former Yugoslavia, a federation of six republics, split apart in 1991–92. Fearing Serb domination, Croatia, Slovenia, Macedonia and Bosnia-Herzegovina declared themselves independent. This left two states, Serbia and Montenegro, to continue as Yugoslavia. The presence in Croatia and Bosnia-Herzegovina of Orthodox Christian Serbs, Roman Catholic Croats and Muslims led to civil war and 'ethnic cleansing'. In 1995, the war ended when the Dayton Peace Accord affirmed Bosnia-Herzegovina as a single state partitioned into a Muslim-Croat Federation and a Serbian Republic. But the status of Kosovo, a former autonomous Yugoslav region, remained unresolved. Kosovo's autonomy had been abolished in 1989 and the Albanian-speaking, Muslim Kosovars were forced to accept direct Serbian rule. After 1995, support grew for the rebel Kosovo Liberation Army. The Serbs hit back and thousands of Kosovars were forced to flee their homes. In March 1999, NATO launched an aerial offensive in an attempt to halt the 'ethnic cleansing'. A Serb military withdrawal from Kosovo was finally agreed in June 1999.

Population Breakdown ▼	
Population totals and the proportion of ethnic groups (1995)	
Yugoslavia	10,881,000
Serb 63%, Albanian 17%, Montenegrin 5%, Hungarian 3%, Muslim 3%	
Serbia	6,017,200
Kosovo	2,045,600
Vojvodina	2,121,800
Montenegro	696,400
Bosnia-Herzegovina	4,400,000
Muslim 49%, Serb 31%, Croat 17%	
Croatia	4,900,000
Croat 78%, Serb 12%	
Slovenia	2,000,000
Slovene 88%, Croat 3%, Serb 2%	
Macedonia (F.Y.R.O.M.)	2,173,000
Macedonian 64%, Albanian 22%, Turkish 5%, Romanian 3%, Serb 2%	

- International borders
- Republic boundaries
- Province boundaries
- Line of the Dayton Peace Accord
- Muslim-Croat Federation
- Serbian Republic

> Since its establishment in 1948, the State of Israel has seldom been out of the news. During wars with its Arab neighbours in 1948–49, 1956, 1967 and 1973, it occupied several areas. The largest of the occupied territories, the Sinai peninsula, was returned to Egypt in 1979 following the signing of an Egyptian–Israeli peace treaty. This left three Israeli-occupied territories: the Gaza Strip, the West Bank bordering Jordan, and the Golan Heights, a militarily strategic area overlooking south-western Syria.

Despite the peace agreement with Egypt, conflict continued in Israel with the PLO (Palestine Liberation Organization), which claimed to represent Arabs in Israel and Palestinians living in exile. Finally, on 13 September 1993 Israel officially recognized the PLO, and Yasser Arafat, leader of the PLO, renounced terrorism and recognized the State of Israel. This led to an agreement signed by both sides in Washington, DC. In May 1994, limited Palestinian self-rule was established in the Gaza Strip and in parts of the occupied West Bank. A Palestinian National Authority (PNA) was created and took over from the Israeli military administration when Israeli troops withdrew from the Gaza Strip and the city of Jericho. On 1 July 1994 the Palestinian leader, Yasser Arafat, stepped on to Palestinian land for the first time in 25 years.

Many people hoped that these developments would eventually lead to the creation of a Palestinian state, which would co-exist in peace with its neighbour Israel. But groups on both sides sought to undermine the peace process. In November 1995, a right-wing Jewish student assassinated the Israeli prime minister, Yitzhak Rabin, who was succeeded by Šimon Peres.

In 1996, a right-wing coalition led by Binyamin Netanyahu was returned to power in a general election. The peace talks with the PLO were temporarily halted, but an agreement was reached in early 1997 over the withdrawal of Israeli troops from the town of Al Khalil (Hebron), on the West Bank. One-fifth of this town remained in the hands of about 400 Israeli settlers. Negotiations with Syria, however, over the Golan Heights were halted in 1996.



Population Breakdown ▼

Population totals and the proportion of ethnic groups (1995)

Israel	5,696,000
Jewish 82%, Arab Muslim 14%, Arab Christian 3%, Druse 2%	
West Bank	973,500
Palestinian Arab 97% (Arab Muslim 85%, Christian 8%, Jewish 7%)	
Gaza Strip	658,200
Arab Muslim 98%	
Jordan	5,547,000
Arab 99% (Palestinian Arab 50%)	
Syria	14,614,000
Arab 89%, Kurdish 6%	

- 1949 Armistice Line
- 1974 Cease-fire Lines (Golan Heights)
- Efrata Main Jewish settlements in the West Bank and Gaza Strip
- Halhul Main Palestinian Arab towns in the West Bank and Gaza Strip – under Palestinian control since May 1994 (Gaza and Jericho) and 28 September 1995 (West Bank)

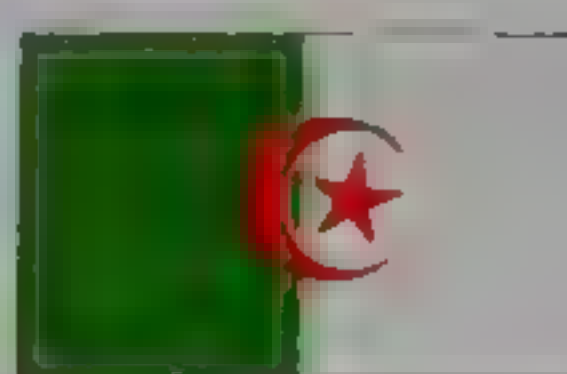
World Flags



Afghanistan



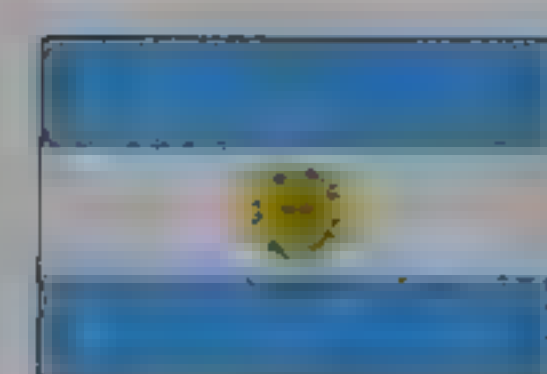
Albania



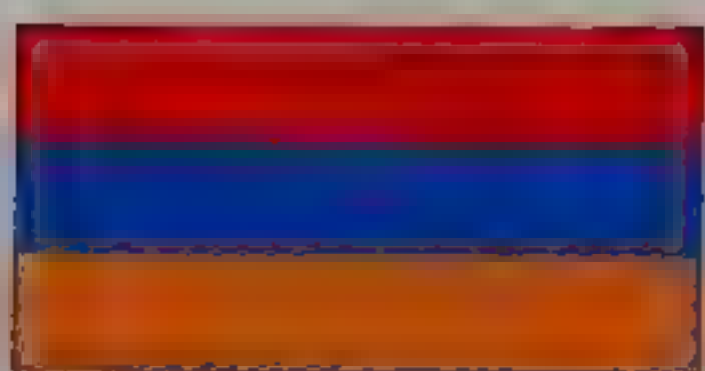
Algeria



Angola



Argentina



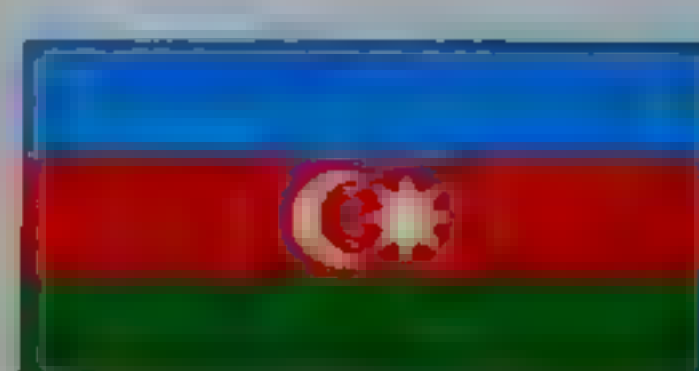
Armenia



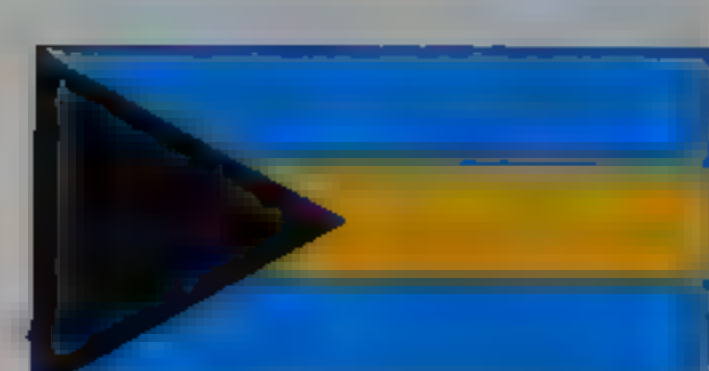
Australia



Austria



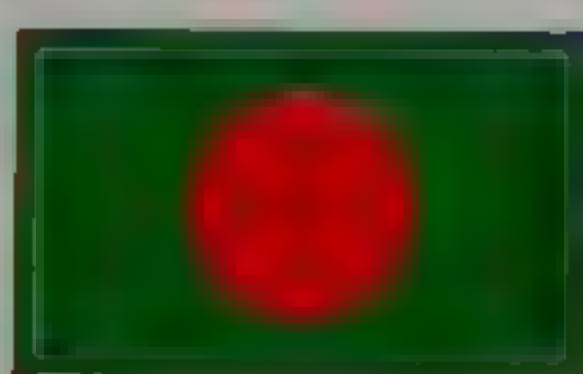
Azerbaijan



Bahamas



Bahrain



Bangladesh



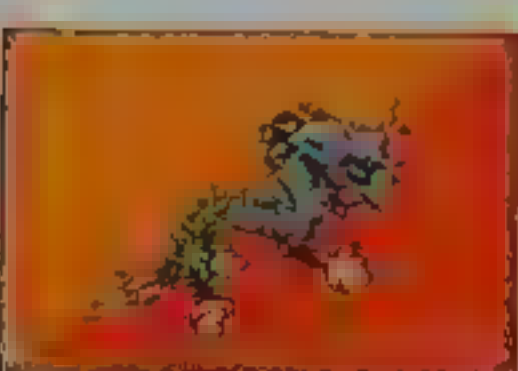
Belarus



Belgium



Benin



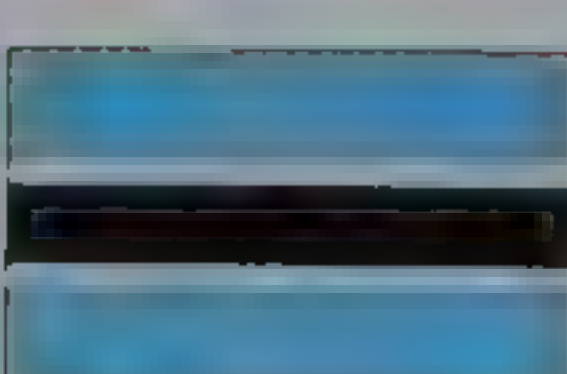
Bhutan



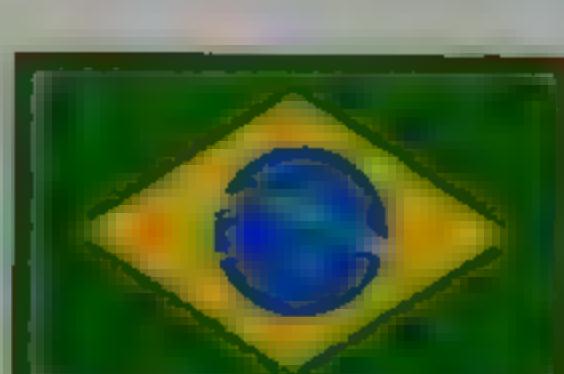
Bolivia



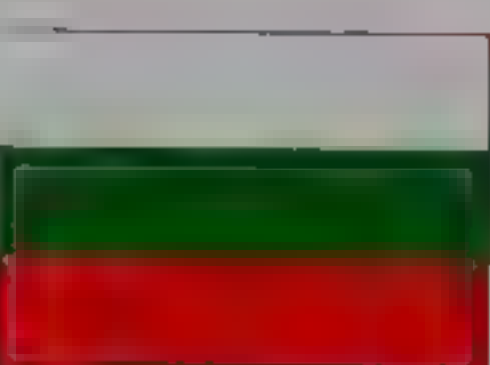
Bosnia-Herzegovina



Botswana



Brazil



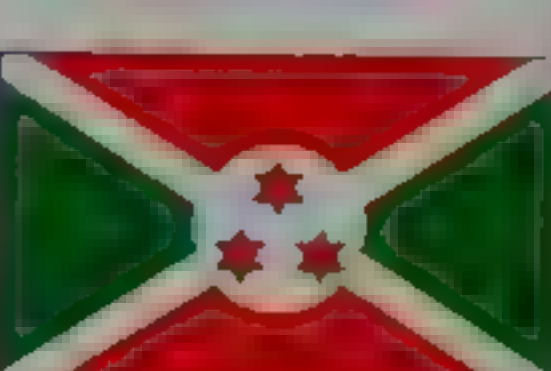
Bulgaria



Burkina Faso



Burma (Myanmar)



Burundi



Cambodia



Cameroon



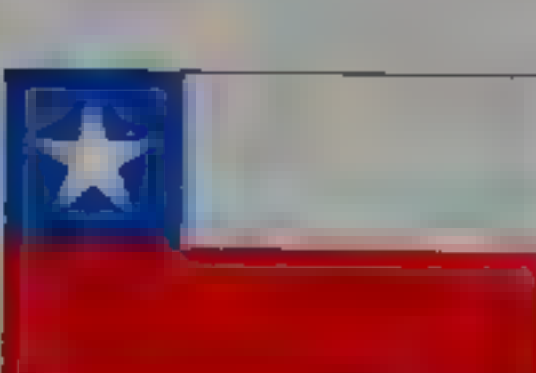
Canada



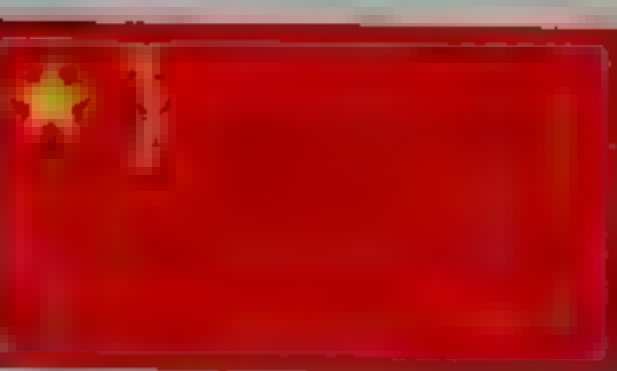
Central African Rep.



Chad



Chile



China



Colombia



Congo



Congo (Zaire)



Costa Rica



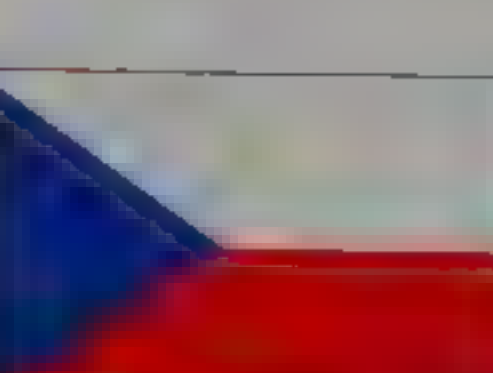
Croatia



Cuba



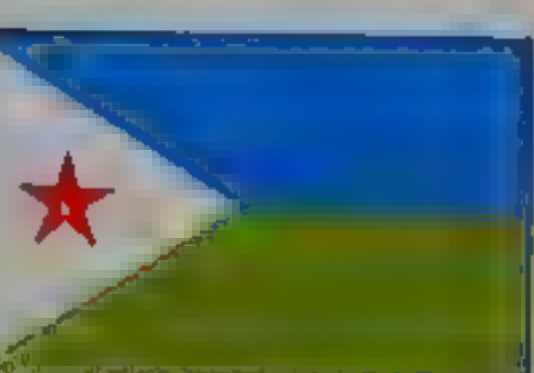
Cyprus



Czech Republic



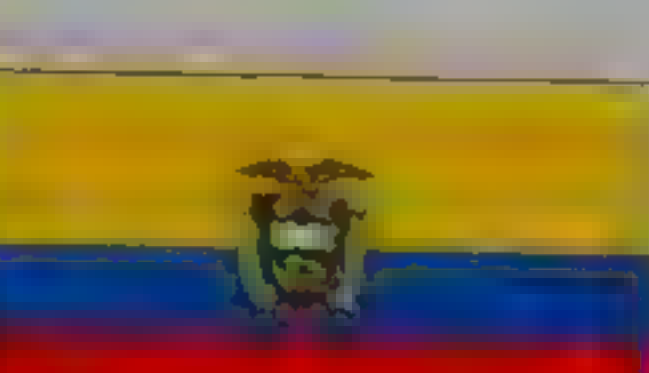
Denmark



Djibouti



Dominican Republic



Ecuador



Egypt



El Salvador



Equatorial Guinea



Eritrea



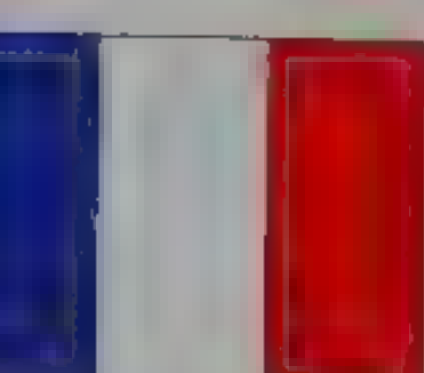
Estonia



Ethiopia



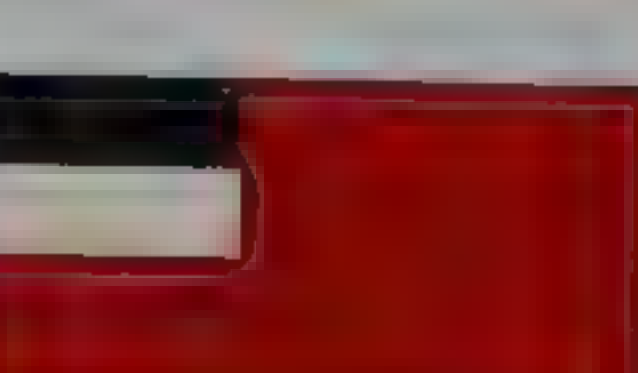
Finland



France



Gabon



Georgia



Germany



Ghana



Greece



Guatemala



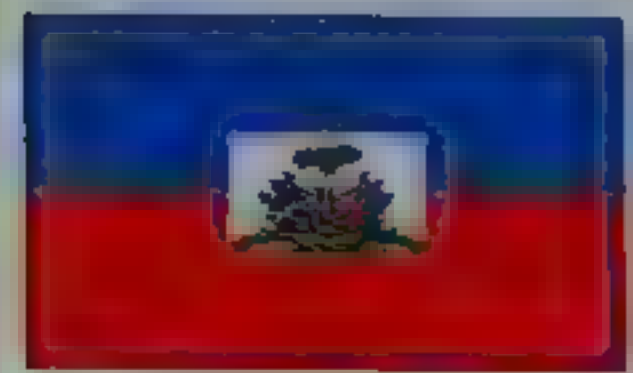
Guinea



Guinea-Bissau



Guyana



Haiti



Honduras



Hong Kong



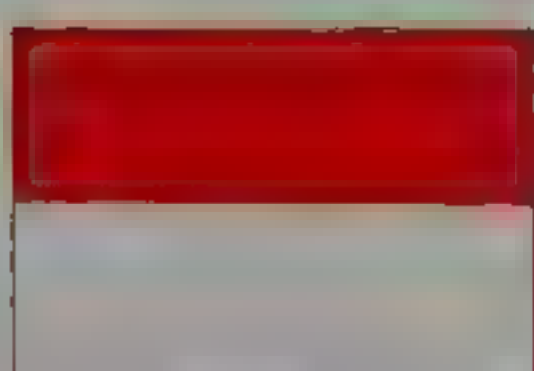
Hungary



Iceland



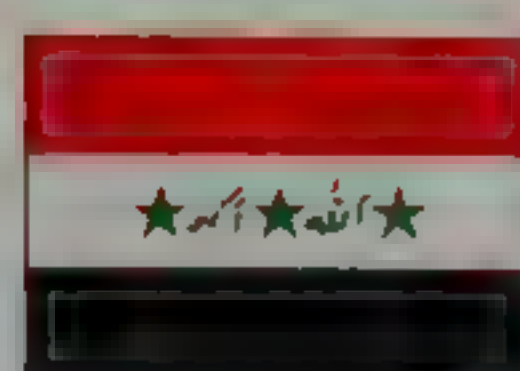
India



Indonesia



Iran



Iraq



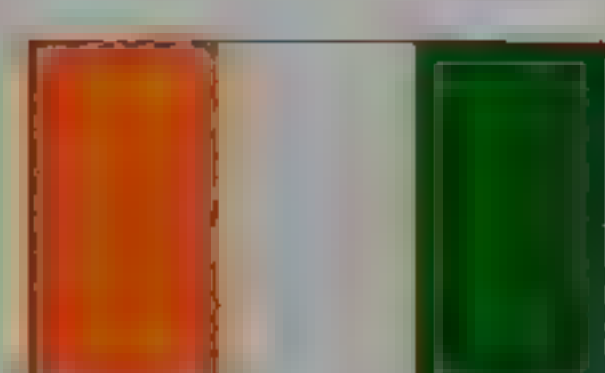
Ireland



Israel



Italy



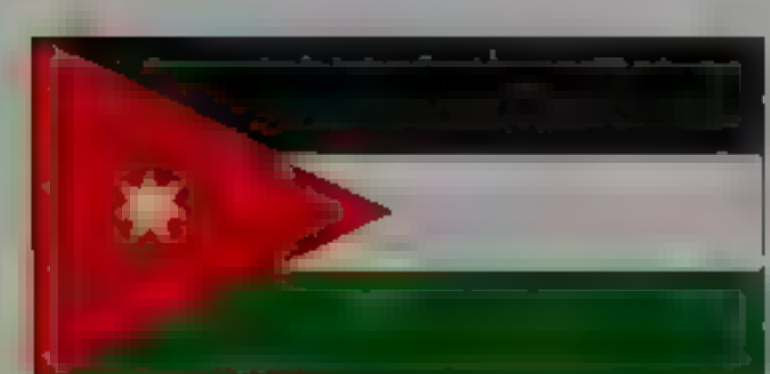
Ivory Coast



Jamaica



Japan



Jordan



Kazakstan



Kenya



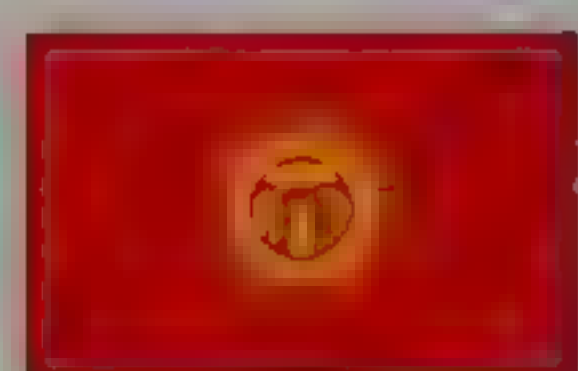
Korea, North



Korea, South



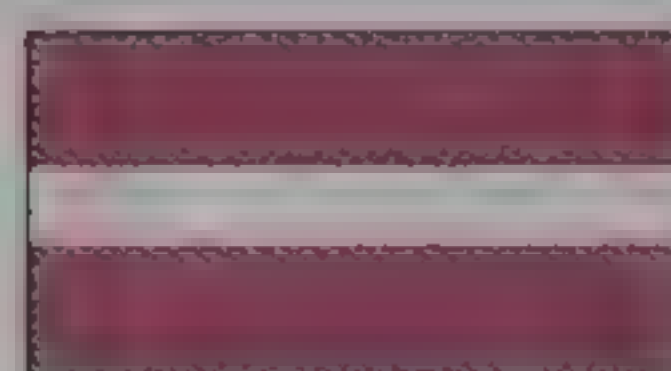
Kuwait



Kyrgyzstan



Laos



Latvia



Lebanon



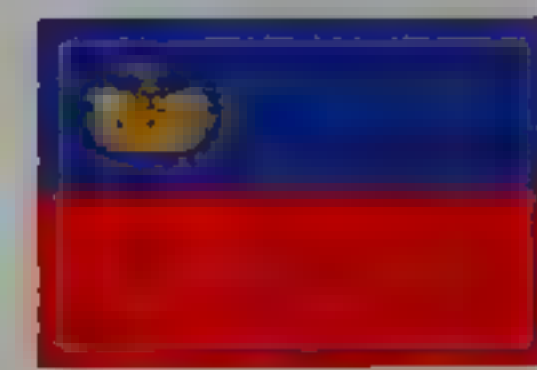
Lesotho



Liberia



Libya



Liechtenstein



Lithuania



Luxembourg



Macedonia



Madagascar



Malawi



Malaysia



Mali



Malta



Mauritania



Mexico



Moldova



Mongolia



Morocco



Mozambique



Namibia



Nepal



Netherlands



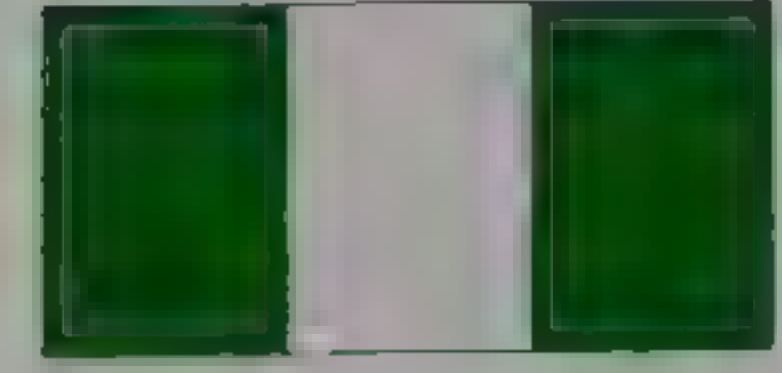
New Zealand



Nicaragua

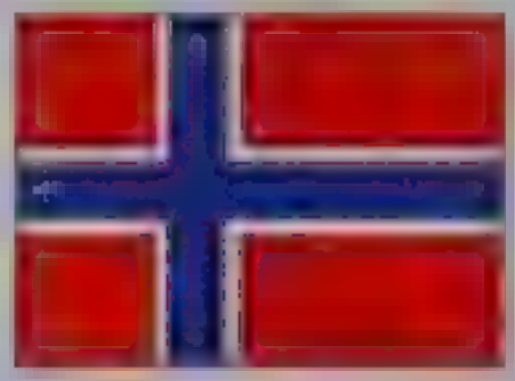


Niger



Nigeria

World Flags



Norway



Oman



Pakistan



Panama



Papua New Guinea



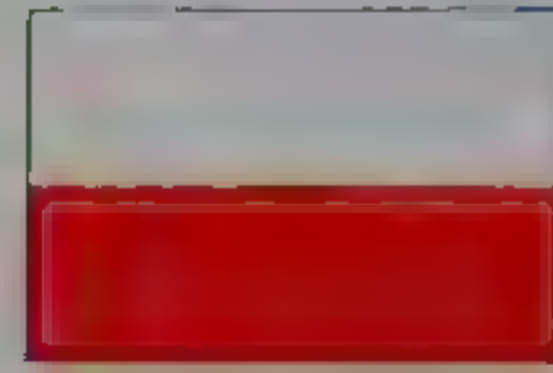
Paraguay



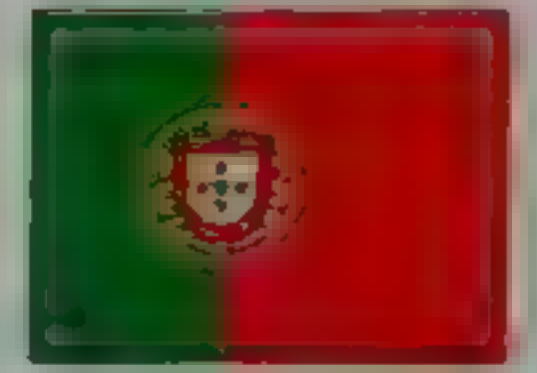
Peru



Philippines



Poland



Portugal



Puerto Rico



Qatar



Romania



Russia



Rwanda



São Tomé & Príncipe



Saudi Arabia



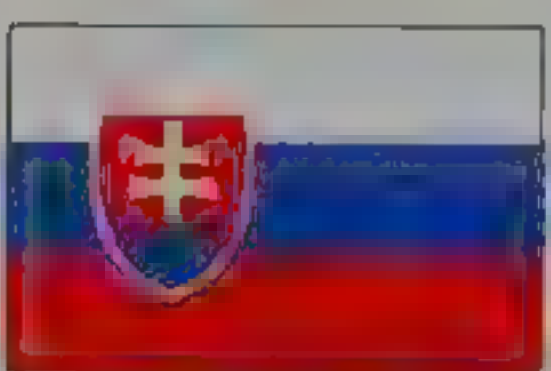
Senegal



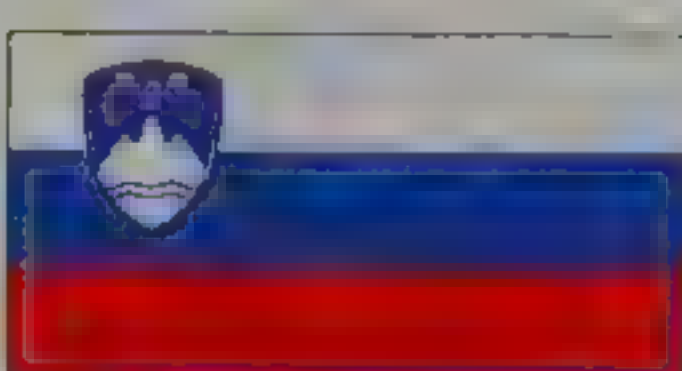
Sierra Leone



Singapore



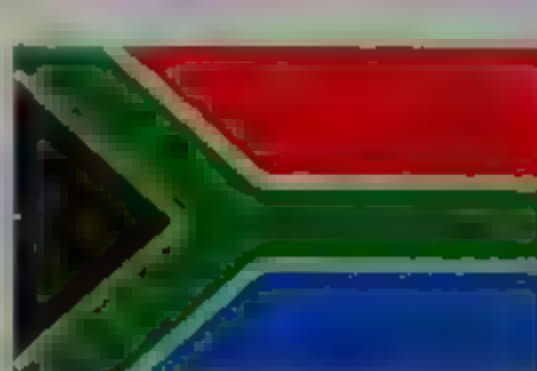
Slovak Republic



Slovenia



Somalia



South Africa



Spain



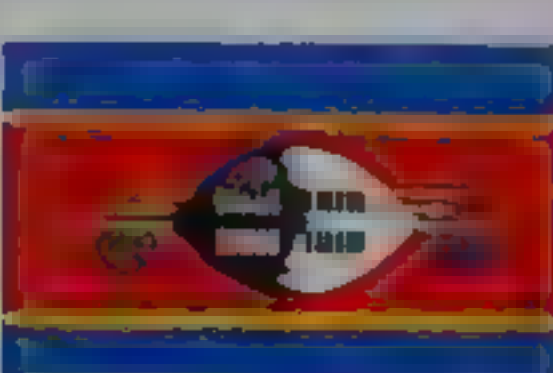
Sri Lanka



Sudan



Surinam



Swaziland



Sweden



Switzerland



Syria



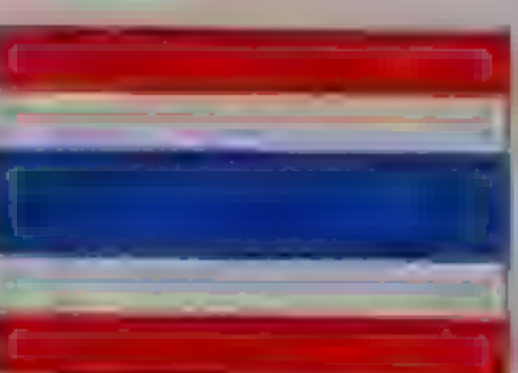
Taiwan



Tajikistan



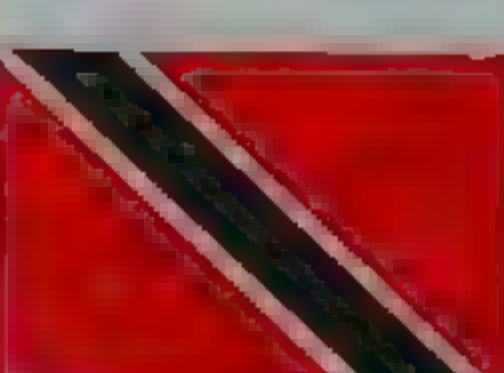
Tanzania



Thailand



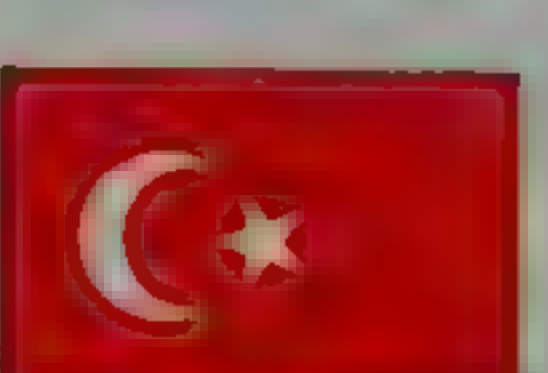
Togo



Trinidad & Tobago



Tunisia



Turkey



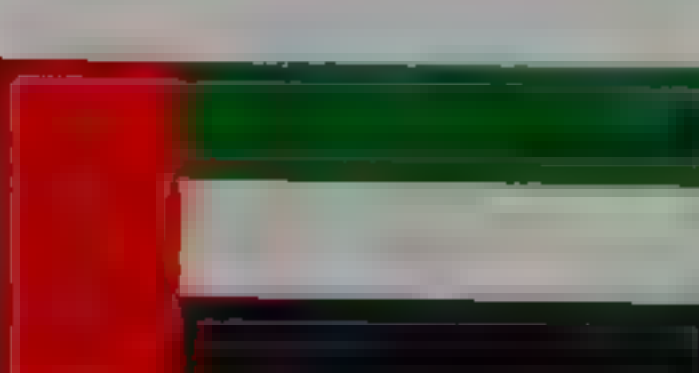
Turkmenistan



Uganda



Ukraine



UAE



United Kingdom



USA



Uruguay



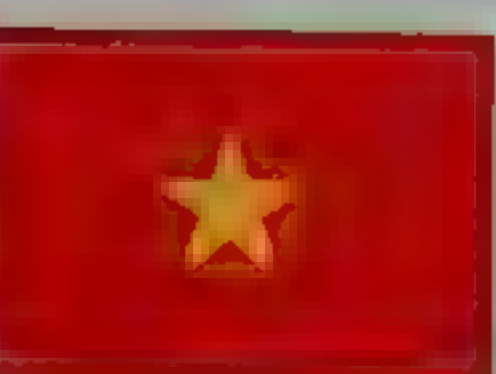
Uzbekistan



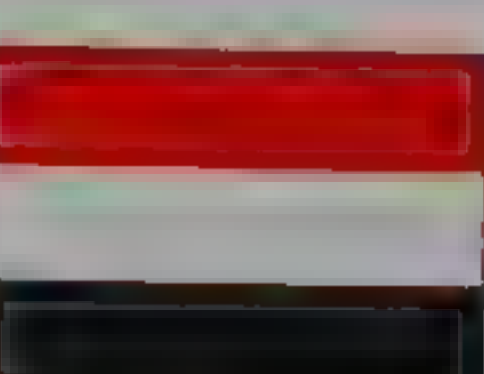
Vatican City



Venezuela



Vietnam



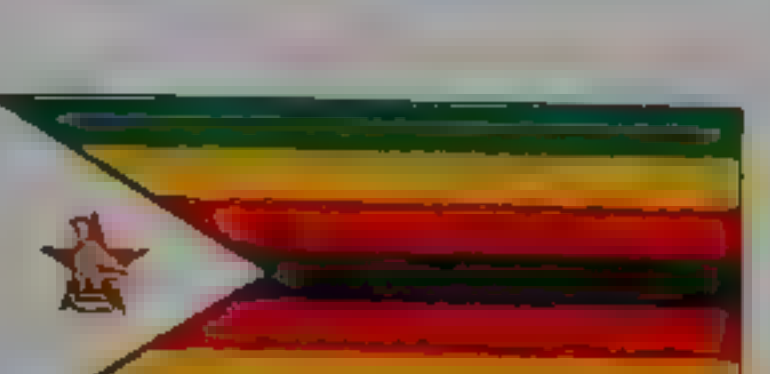
Yemen



Yugoslavia



Zambia

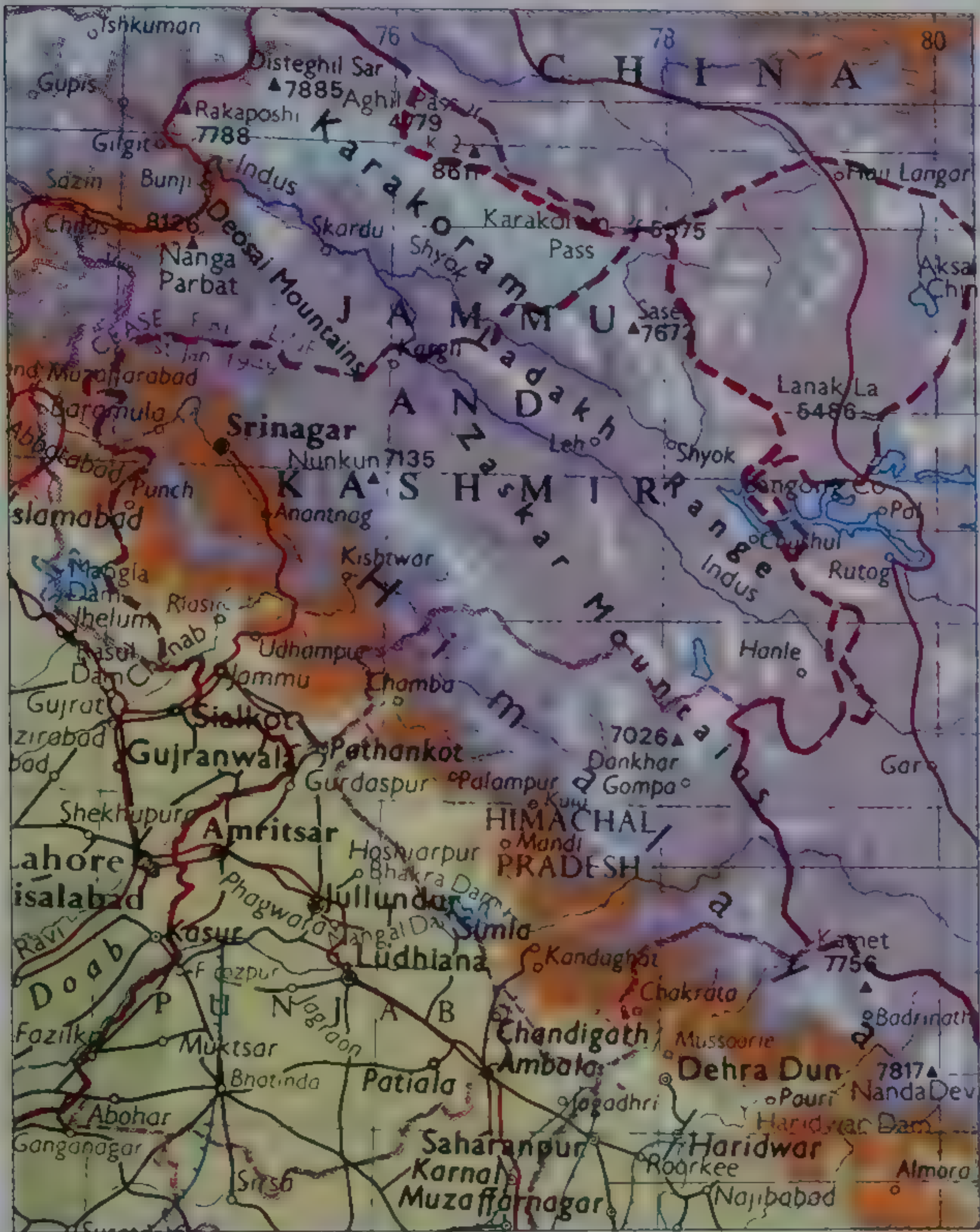


Zimbabwe

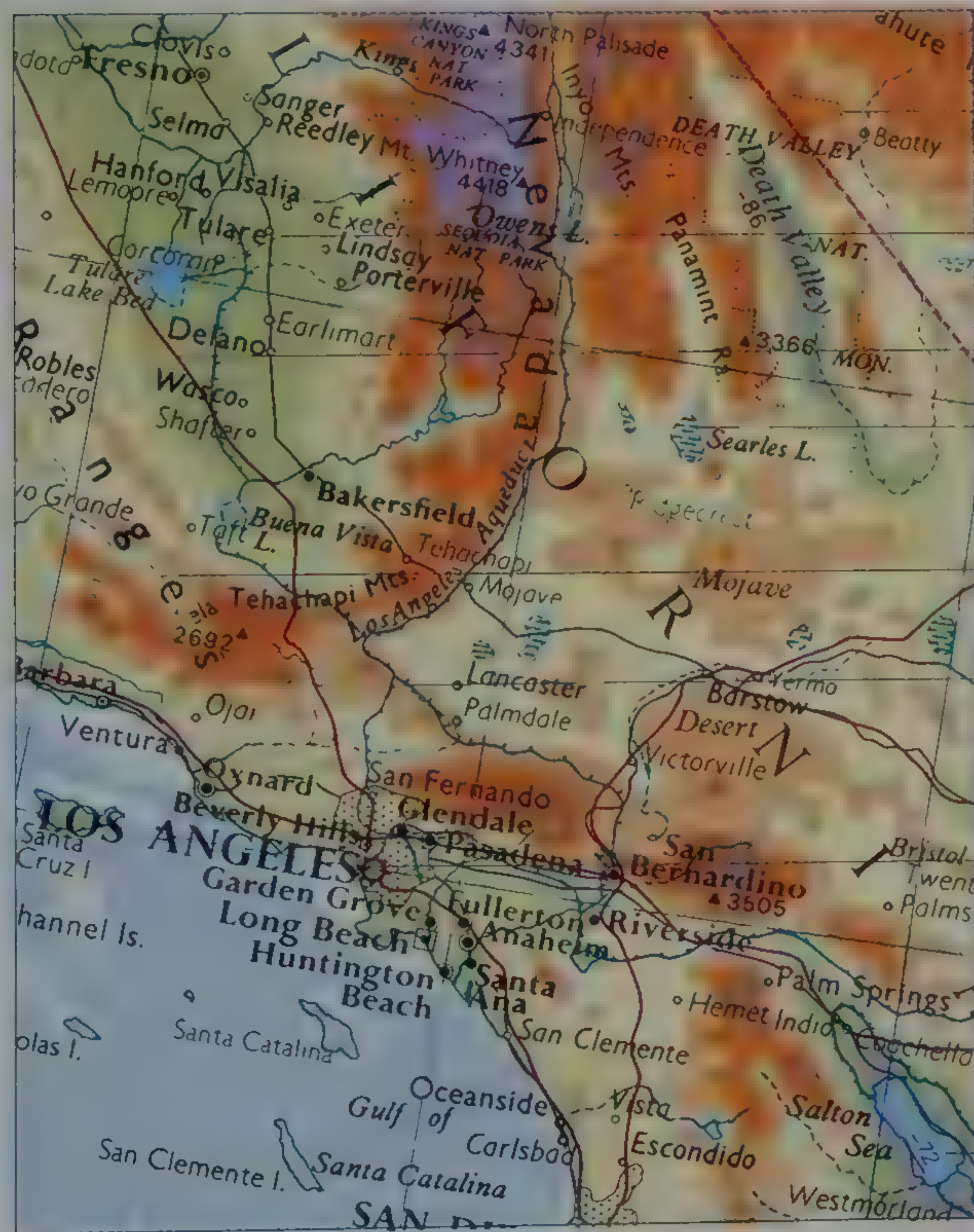
World Maps

—

GENERAL REFERENCE



- Pass
- Permanent Ice and Glaciers
- International Boundary (undefined or disputed)
- Perennial Lake
- Internal Boundary
- Perennial Stream
- Administrative Area Name
- International Boundary
- Elevation (m)
- Railway



- National Park Boundary
- Seasonal or Dry Lake
- Road
- Salt Lake
- Intermittent Stream
- Principal Canal
- Airport or Airfield
- Height of Lake Surface (m)

Settlements



Settlement symbols and type styles vary according to the scale of each map and indicate the importance of towns rather than specific population figures.



• Capital cities

All distances measured through the centre of the map are correct for scale



1:100 000 000

3

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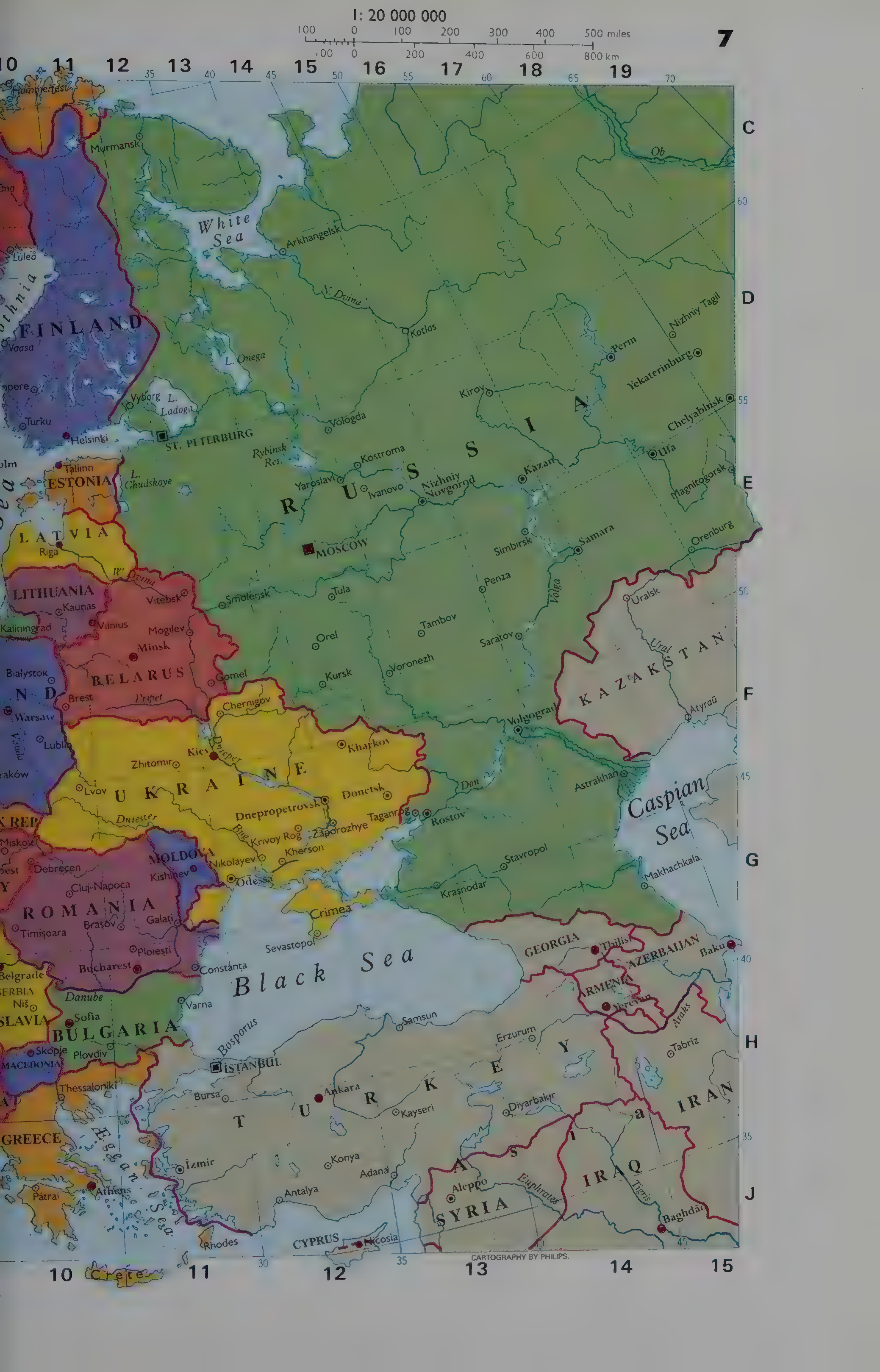
CARTOGRAPHY BY PHILIP'S.

Projection: Oblique Azimuthal Equidistant



6 EUROPE





1: 20 000 000

100 0 100 200 300 400 500 miles
0 0 100 200 400 600 800 km

7

10 11 12 13 14 15 16 17 18 19

C

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E

F

G

H

J

White Sea

Ob

FINLAND

ESTONIA

LATVIA

LITHUANIA

BELARUS

UKRAINE

MOLDOVA

ROMANIA

BULGARIA

GREECE

Black Sea

Caspian Sea

KAZAKHSTAN

GEORGIA

ARMENIA

AZERBAIJAN

SYRIA

IRAQ

IRAN

CYPRUS

ISTANBUL

ANKARA

BAGHDAD

Baku

Tabriz

Aleppo

Kayseri

Konya

Adana

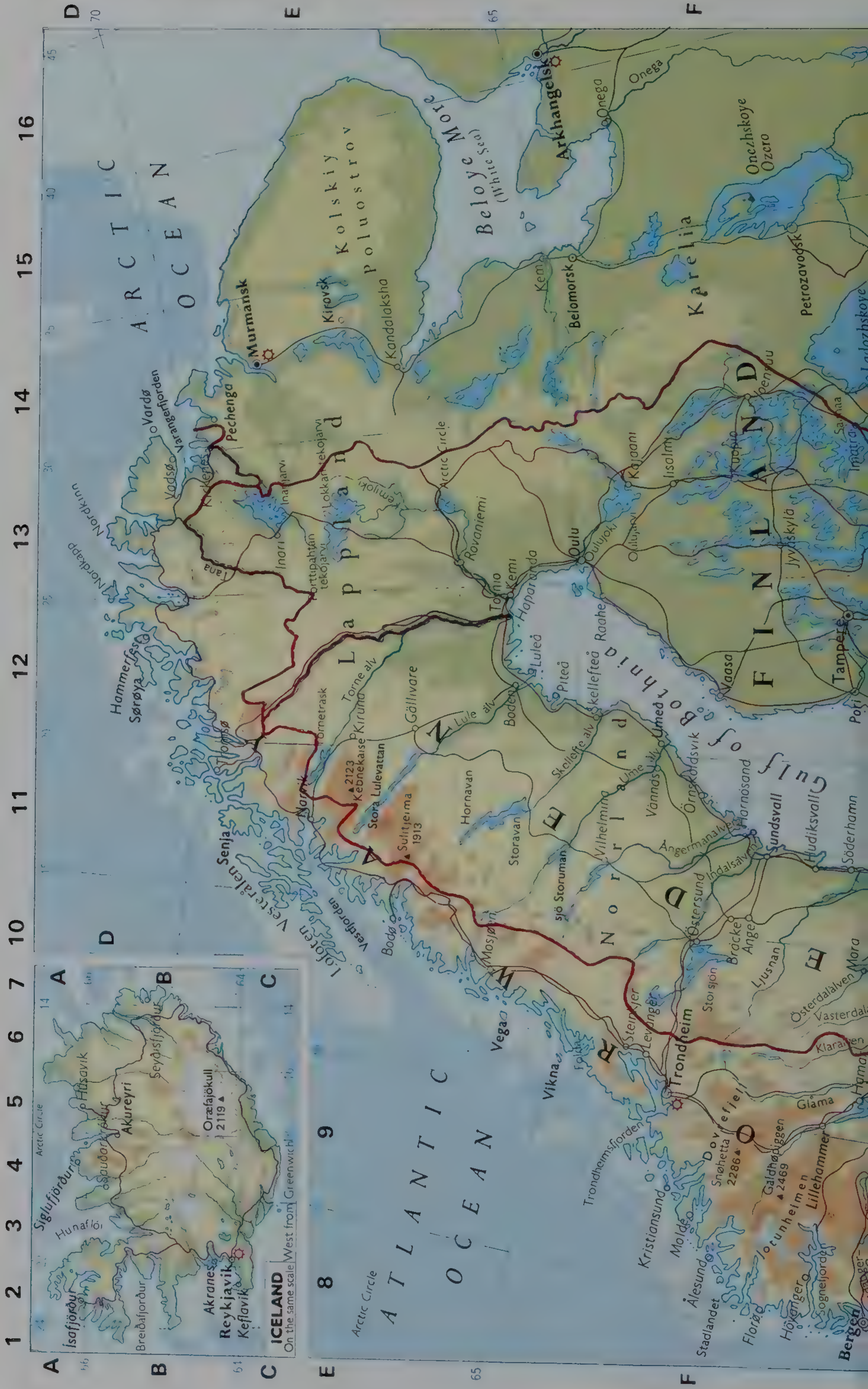
Antalya

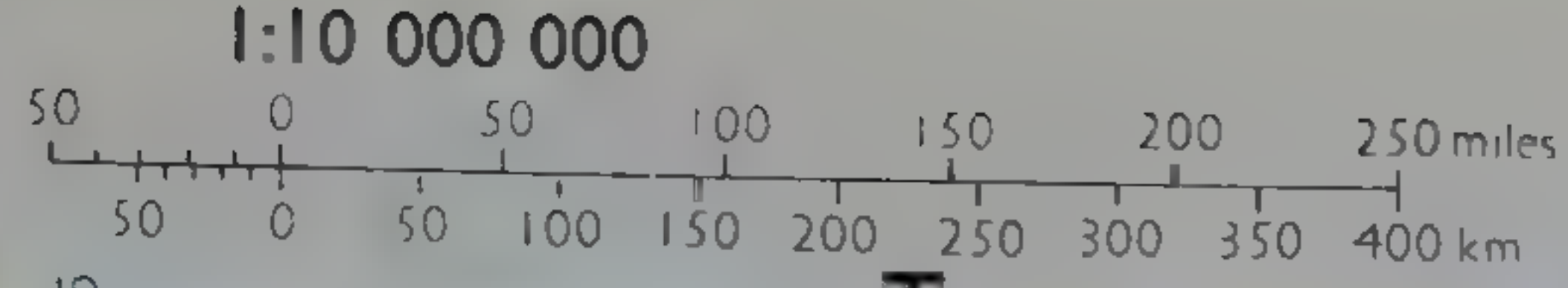
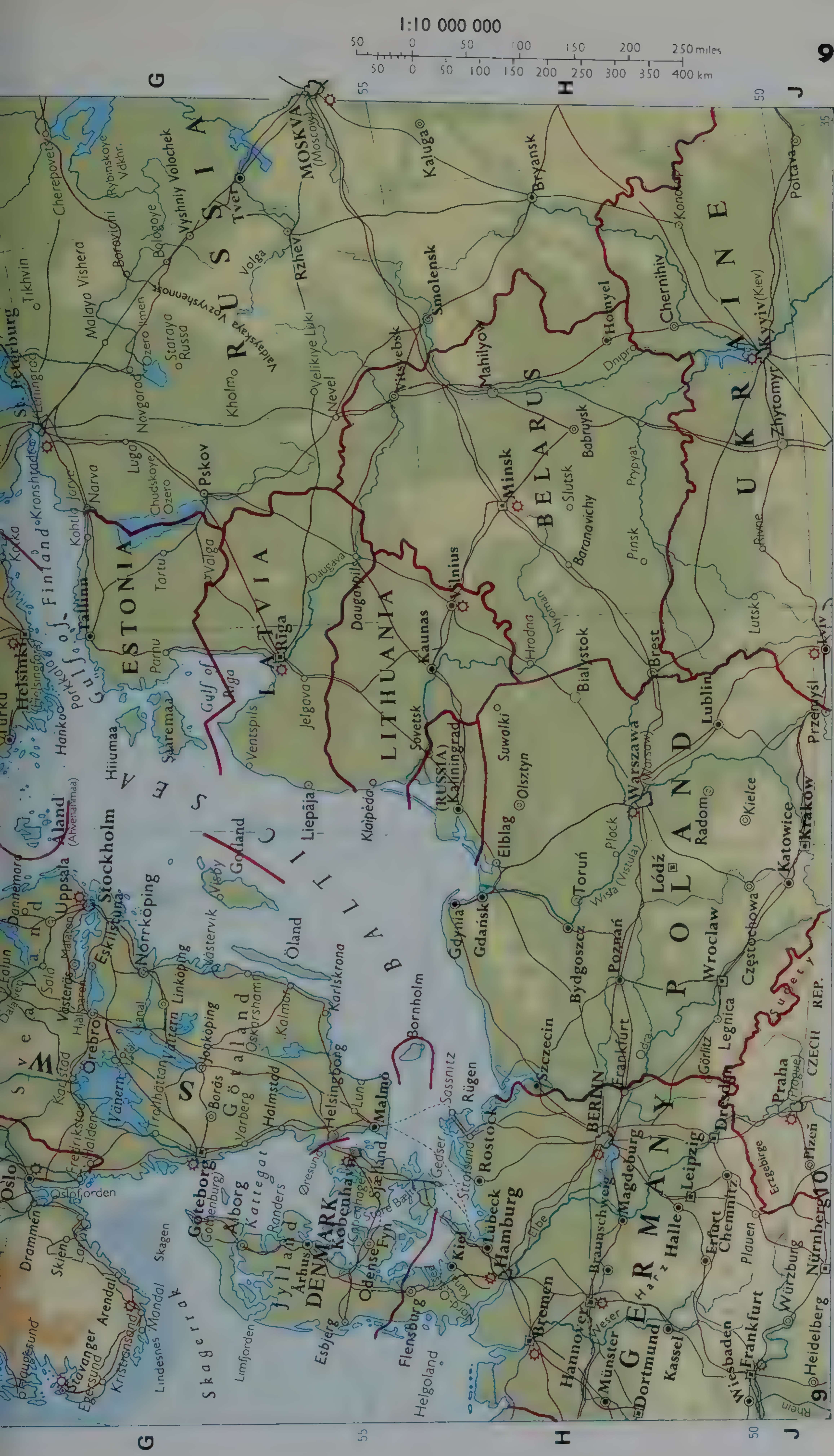
Izmir

Athens

Crete

CARTOGRAPHY BY PHILIPS.





Projection: Conical with two standard parallels



East from Greenwich

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

55

50

45

40

35

30

25

20

15

10

5

0

55

50

45

40

35

30

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20

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10

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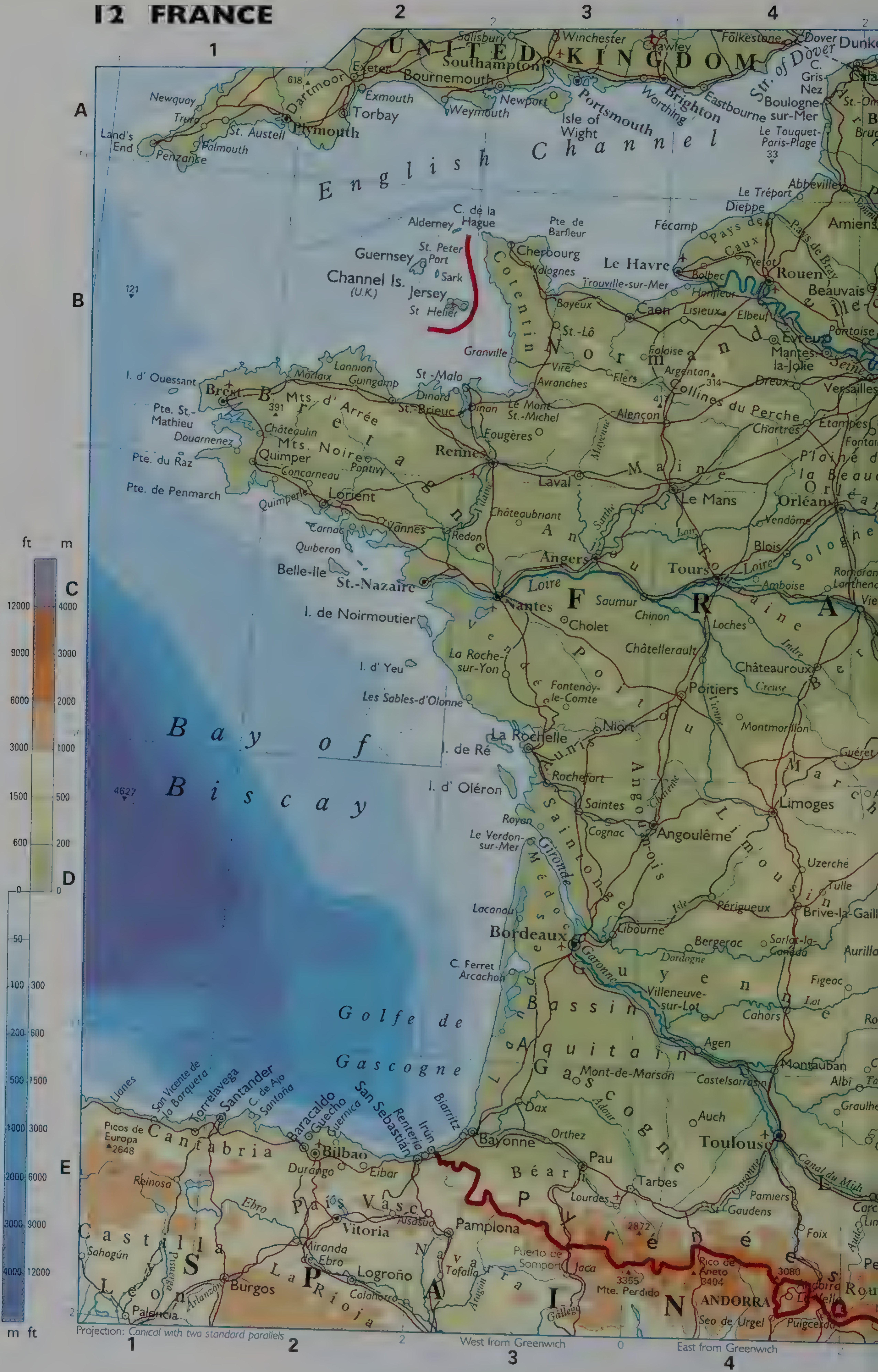
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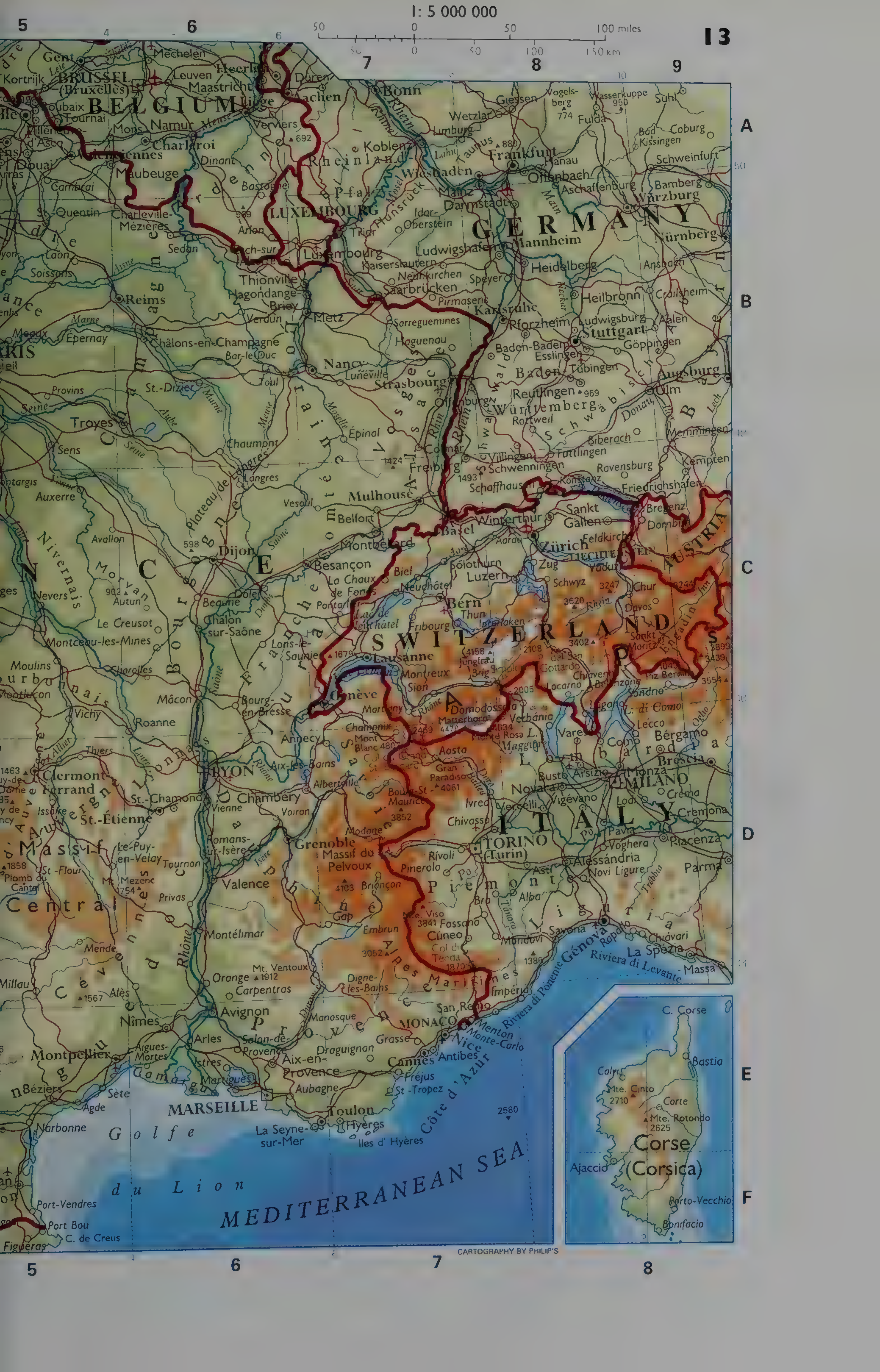
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50

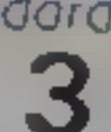








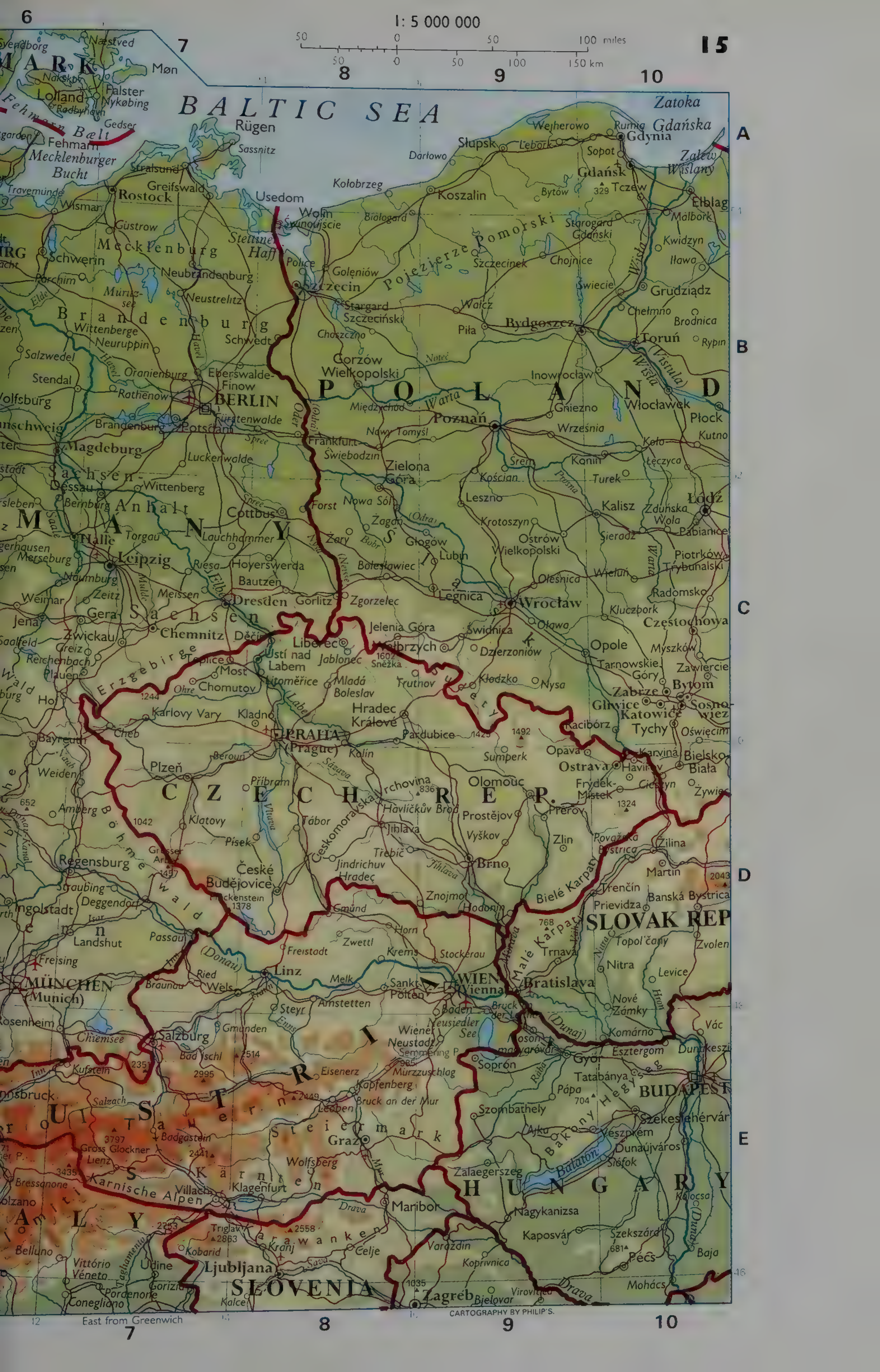
5



4

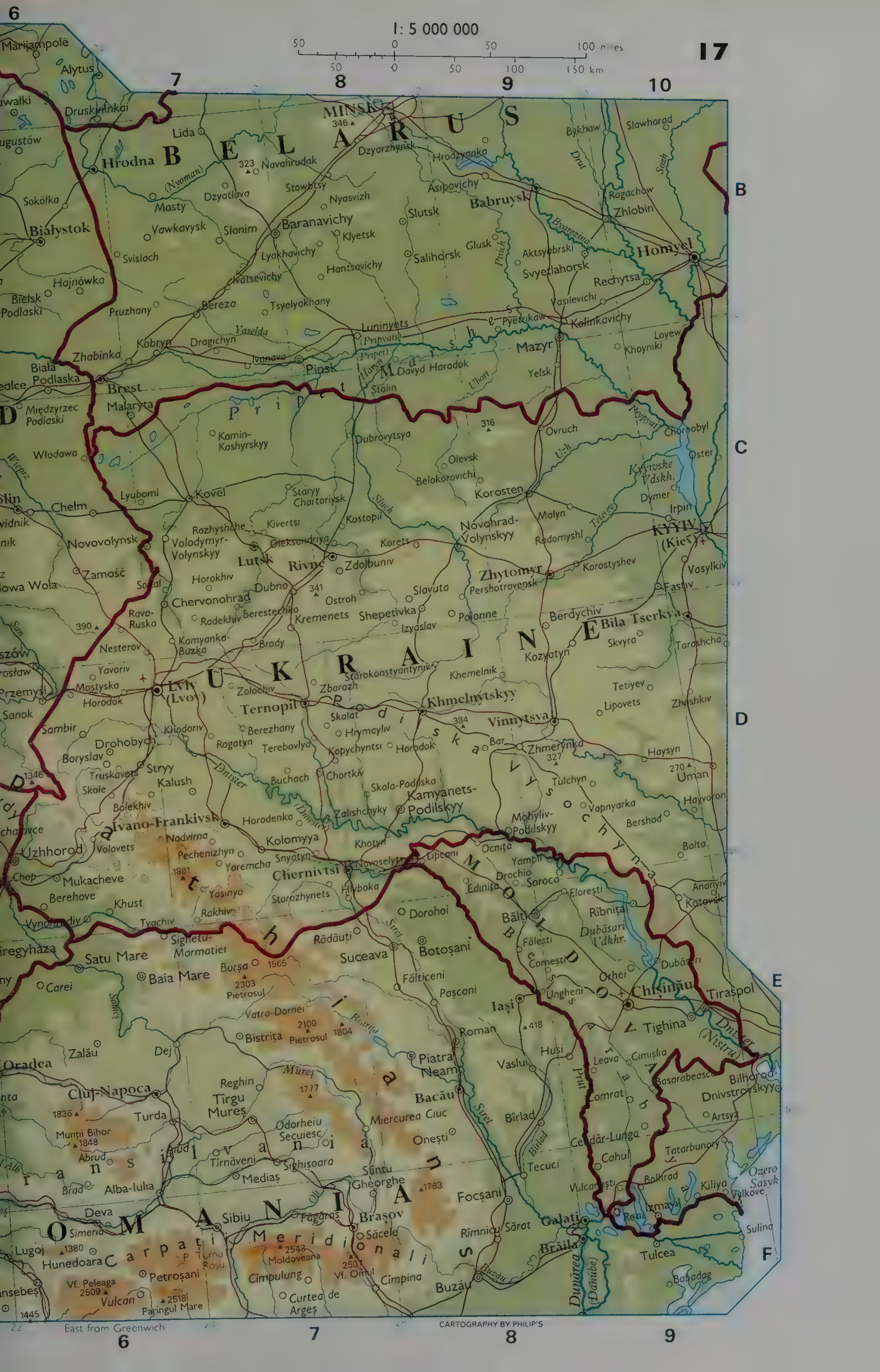
5

6



16 CENTRAL EUROPE





18 SPAIN AND PORTUGAL

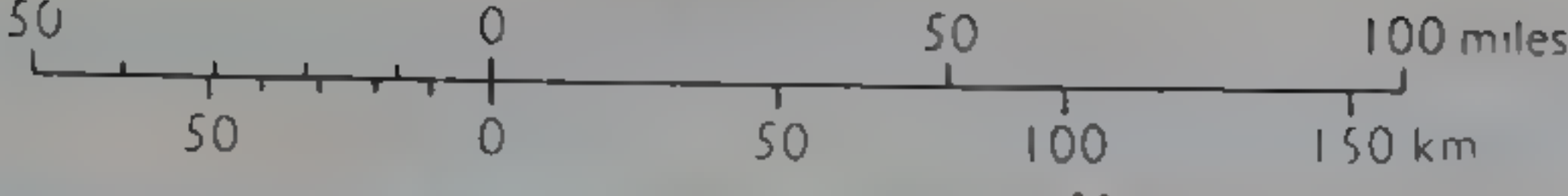






ITALY AND THE ADRIATIC

1: 5 000 000

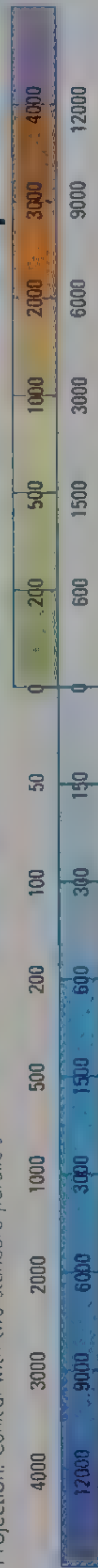


CARTOGRAPHY BY PHILIP'S

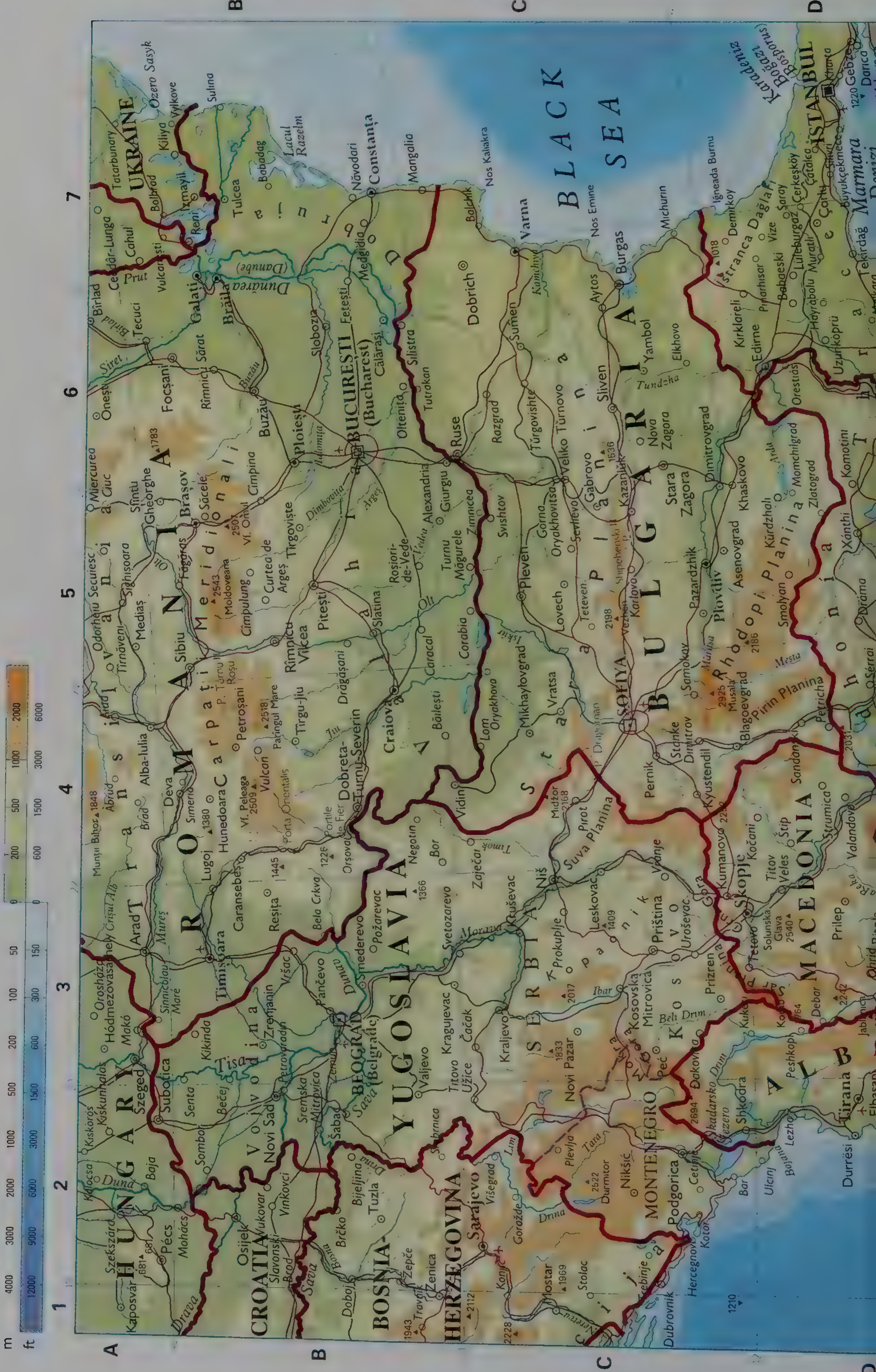
East from Greenwich

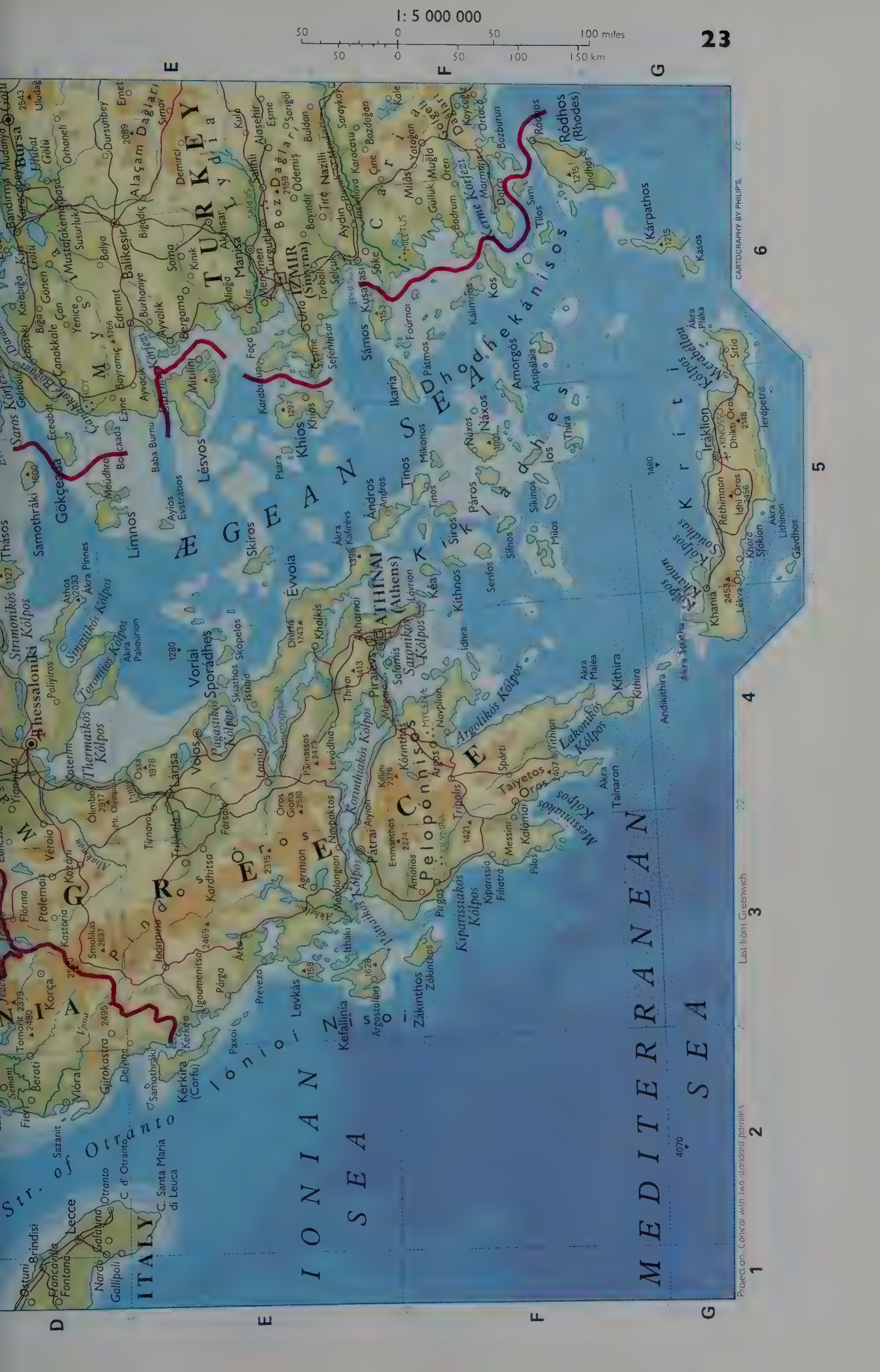
Projection: Conical with two standard parallels

Scale in meters and feet



22 GREECE AND THE BALKANS





1: 5 000 000

50 0 50 100 miles
50 0 50 100 km

23

CARTOGRAPHY BY PHILIPS.

6

5

4

Last from Greenwich

3

2

Projection, Conical with two standard parallels

1

M E D I T E R R A N E A N
S E A

I O N I A N
S E A

I T A L Y

T U R K E Y

A T H E N S
(Athens)

P E L O P O N N E S O S

K i p a r i s s i a k o s
K o l p o s

A r g o l i k o s
K o l p o s

S a g i n i k o s
K o l p o s

S i r o s
K o l p o s

A m o r g o s
K o l p o s

R o d h o s
(Rhodes)

K a r p a t h o s

K o s

K a l a m a t o s

S a m o s

B o z d o g a n

S a r a y k o y

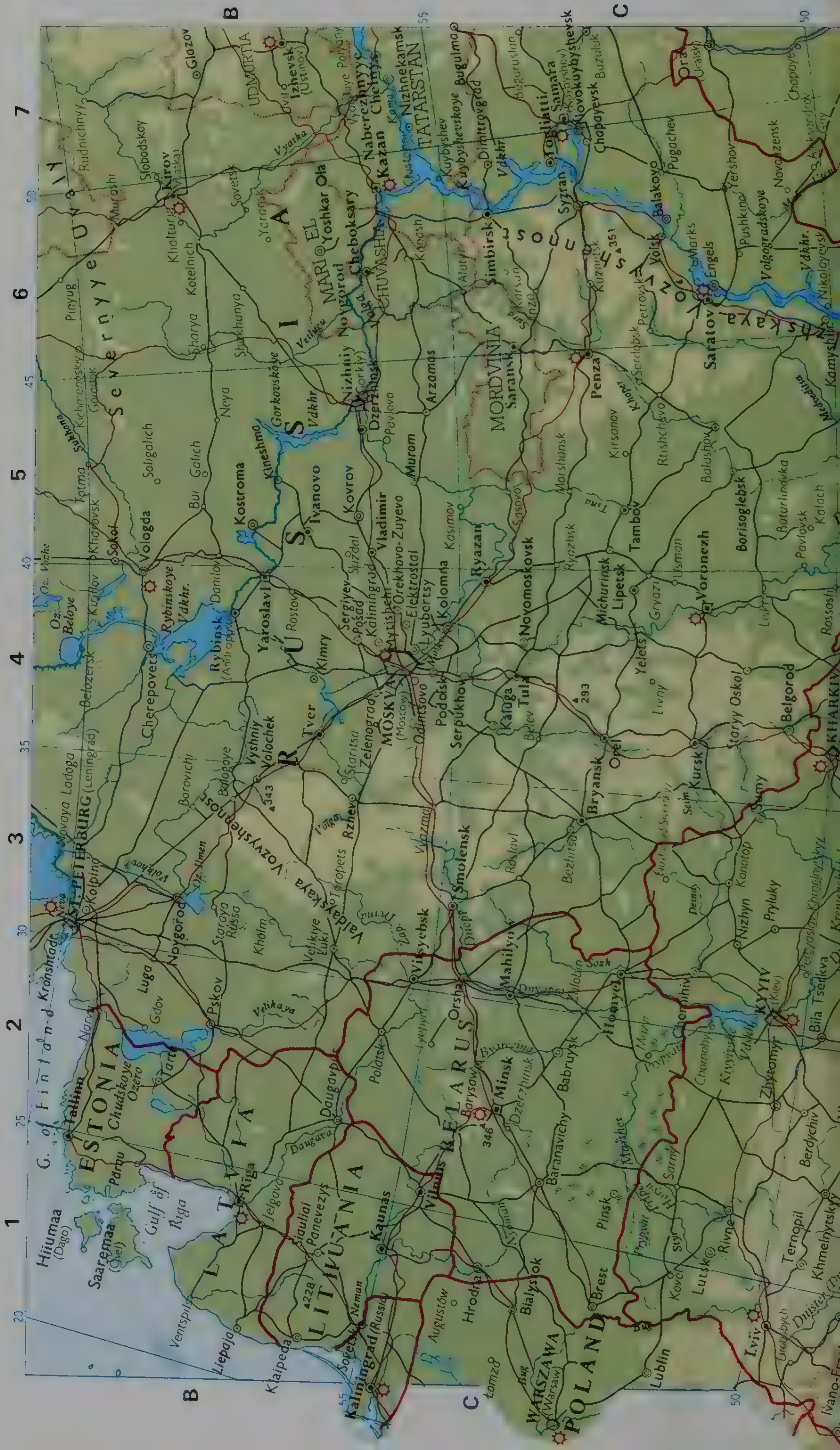
A l a s h a n

E s m e

S a n g i o l

B u l d a n

A
B
C
D
E
F
G

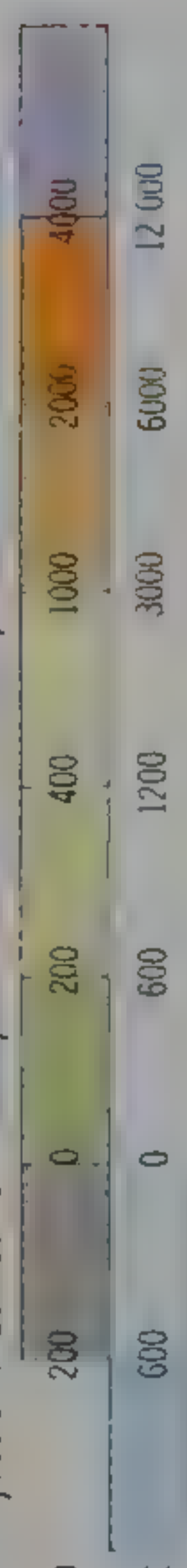






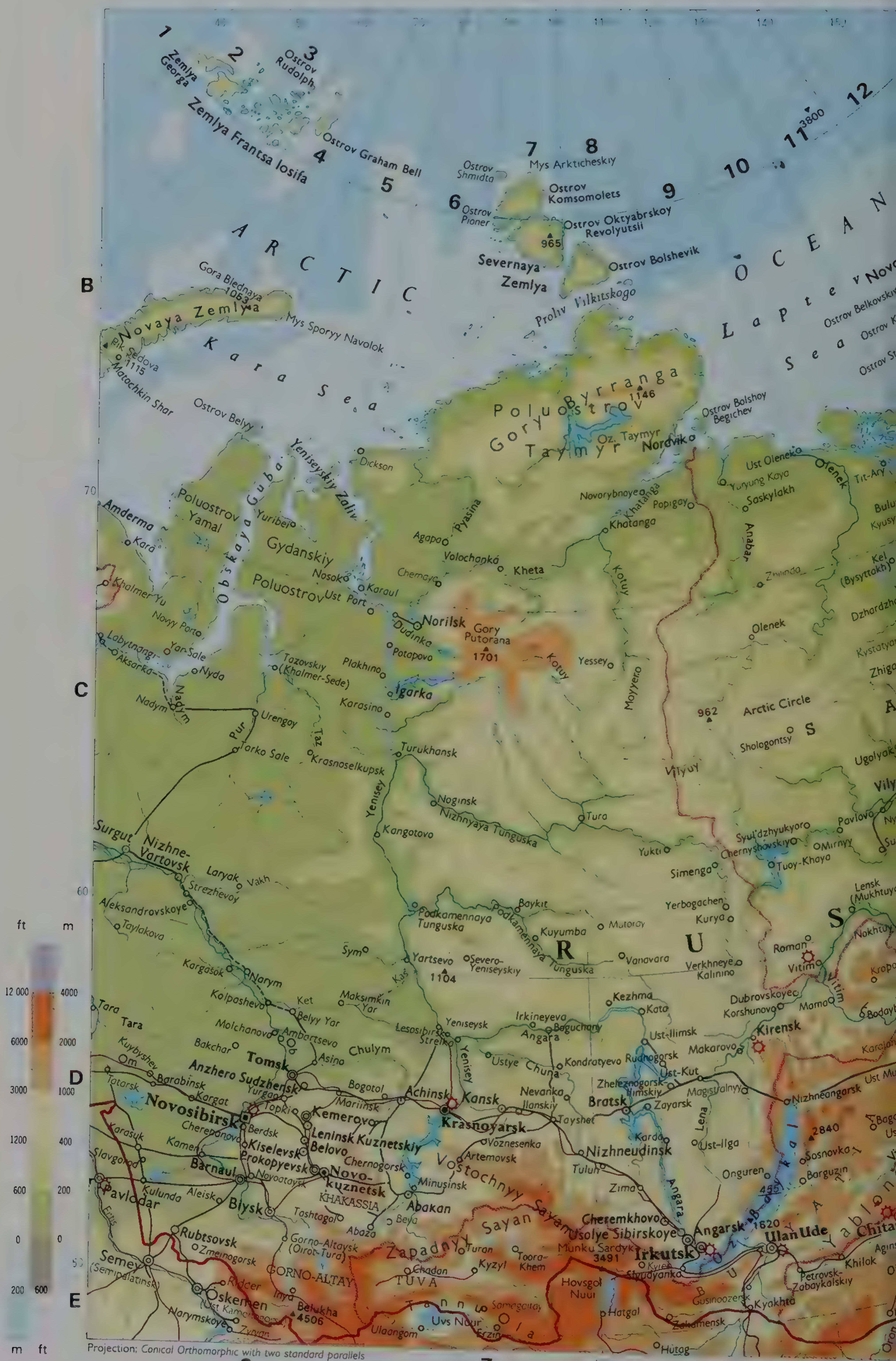
28 WESTERN RUSSIA AND CENTRAL ASIA





30 EASTERN SIBERIA

A



6

7

8

11

1: 20 000 000

100 0 100 200 300 400 500 miles
100 0 200 400 600 800 km

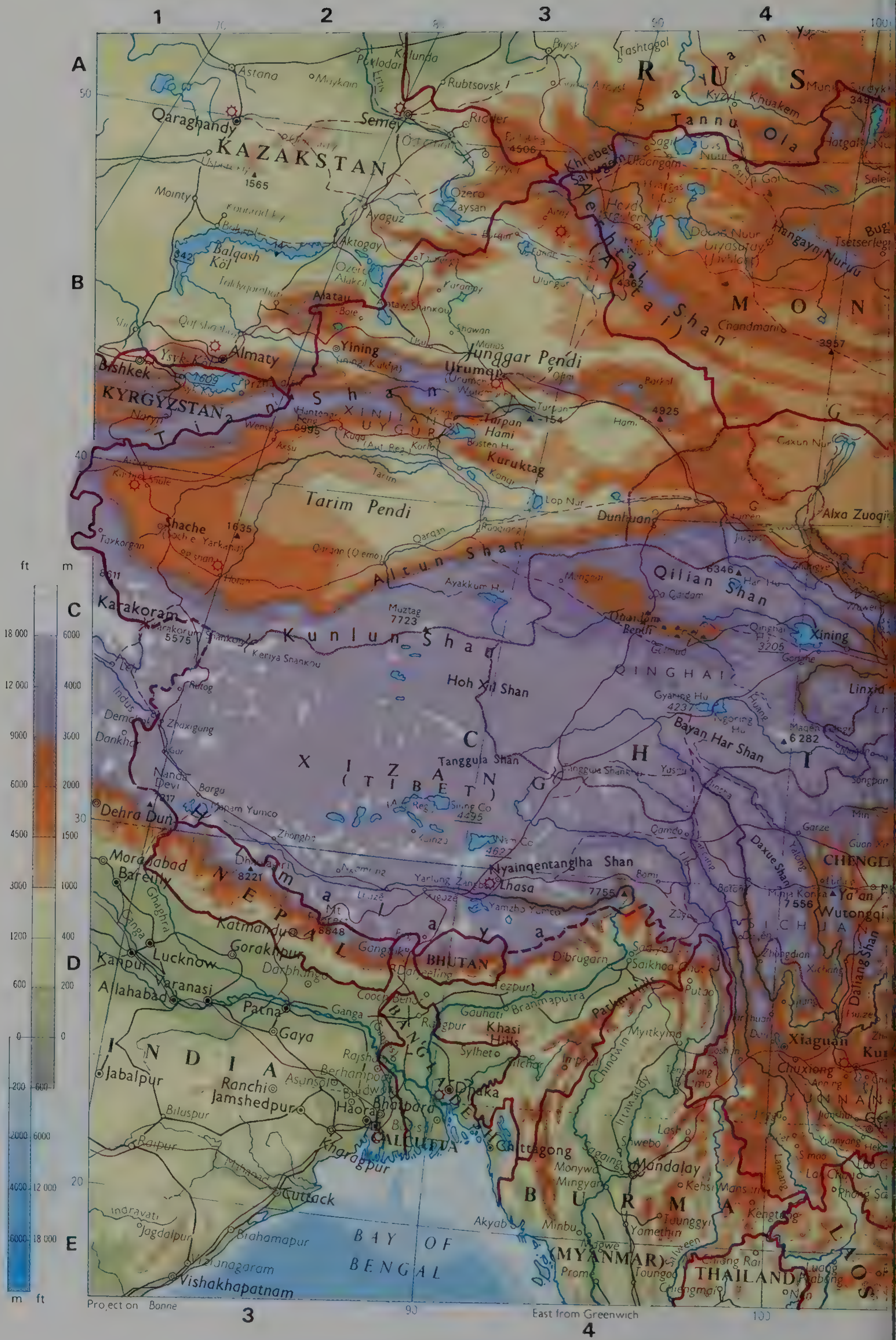
31

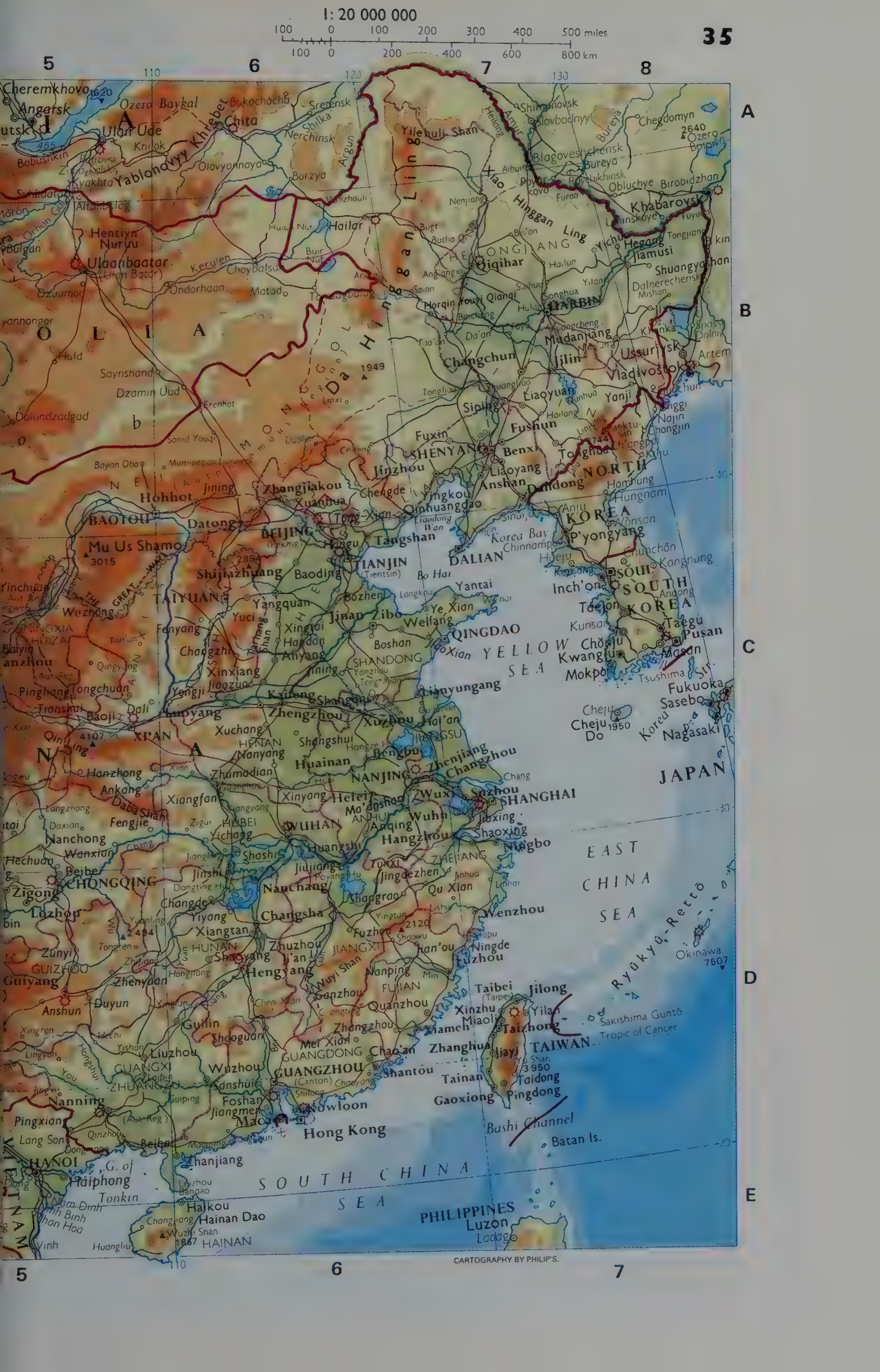




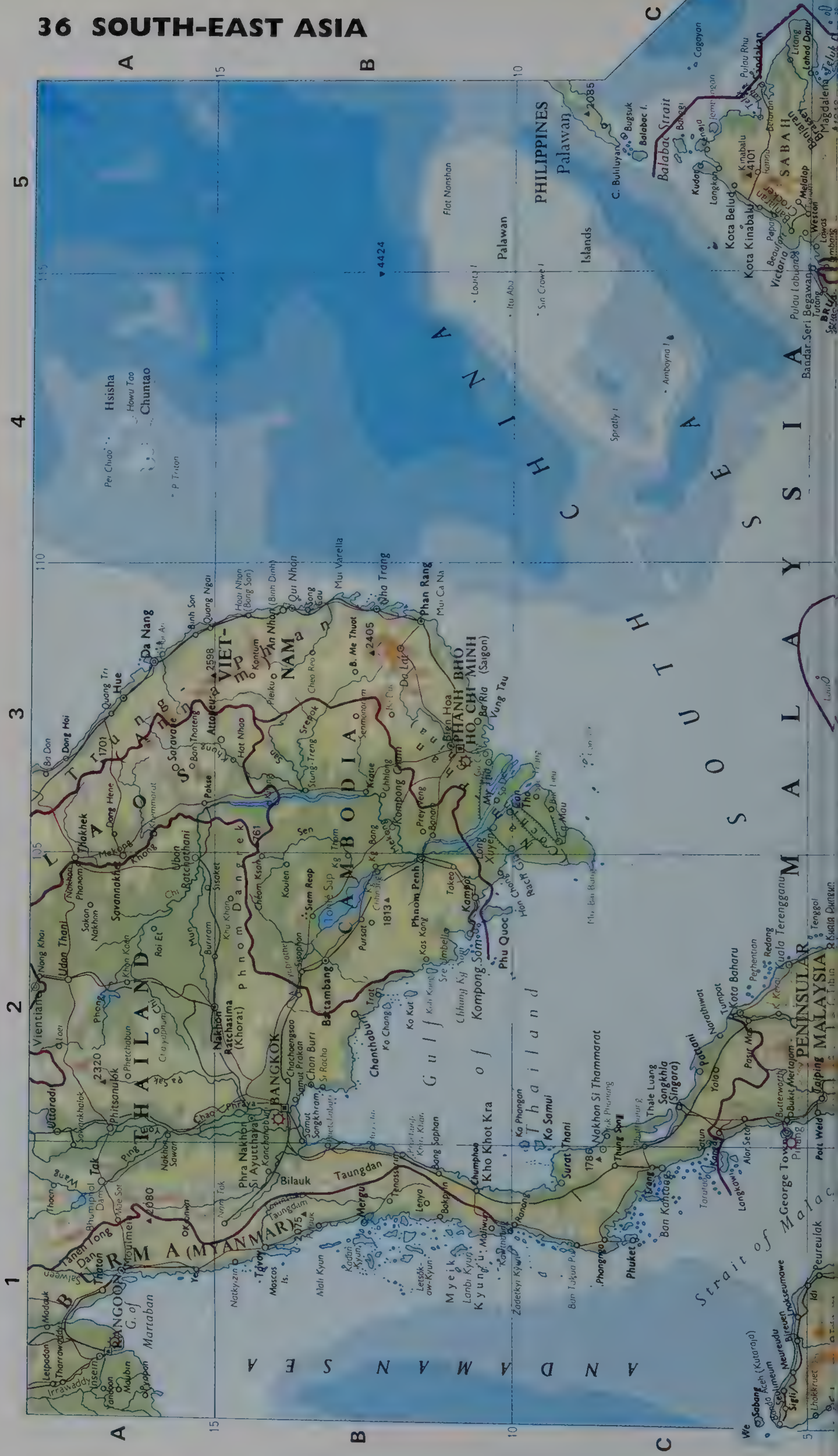
CARTOGRAPHY BY PHILIPS.

34 CHINA



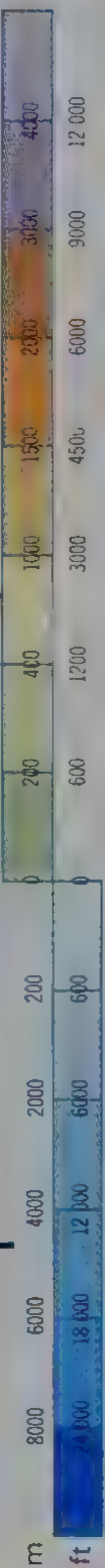


36 SOUTH-EAST ASIA





Projection: Mercator



East from Greenwich

2

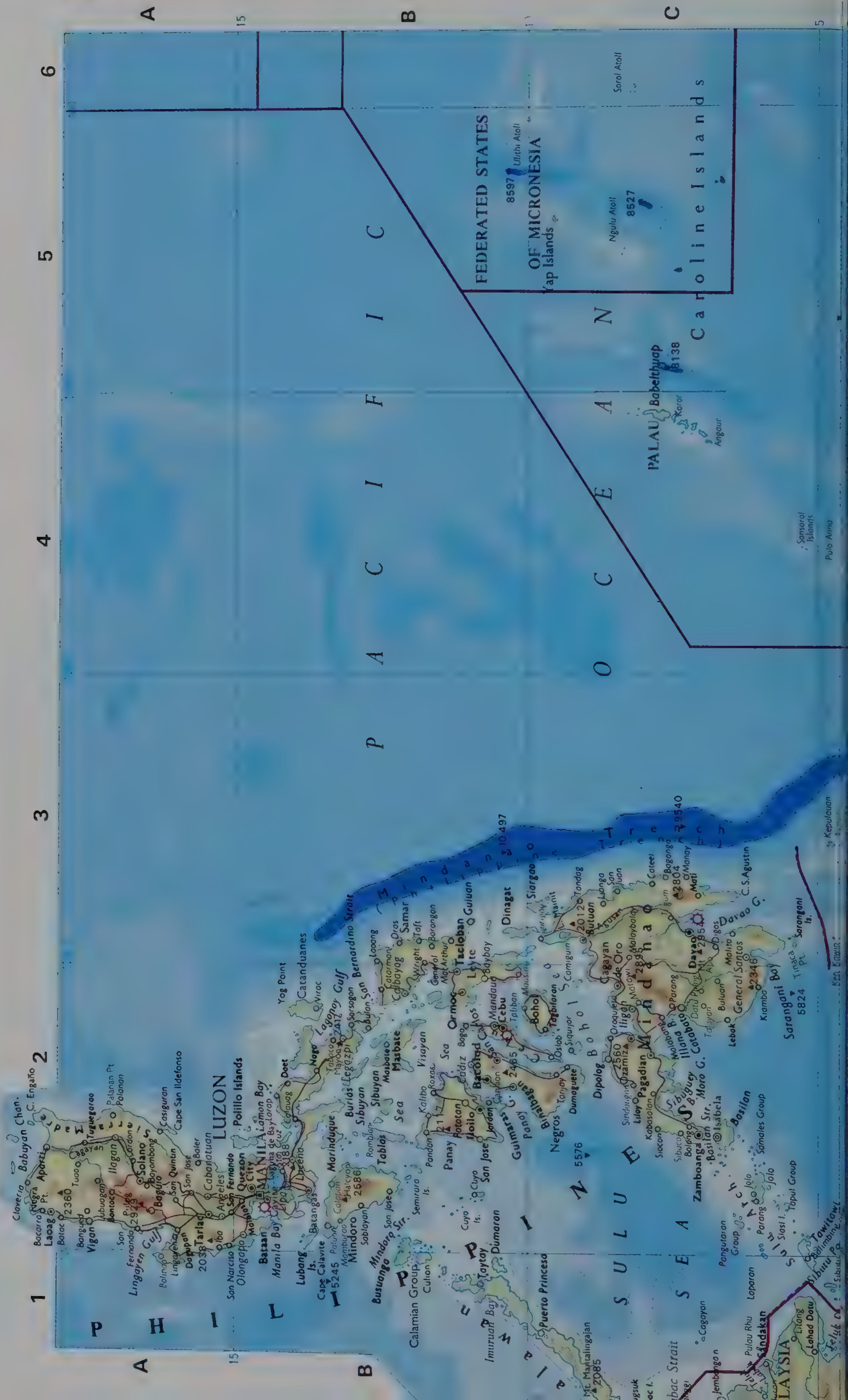
3

4

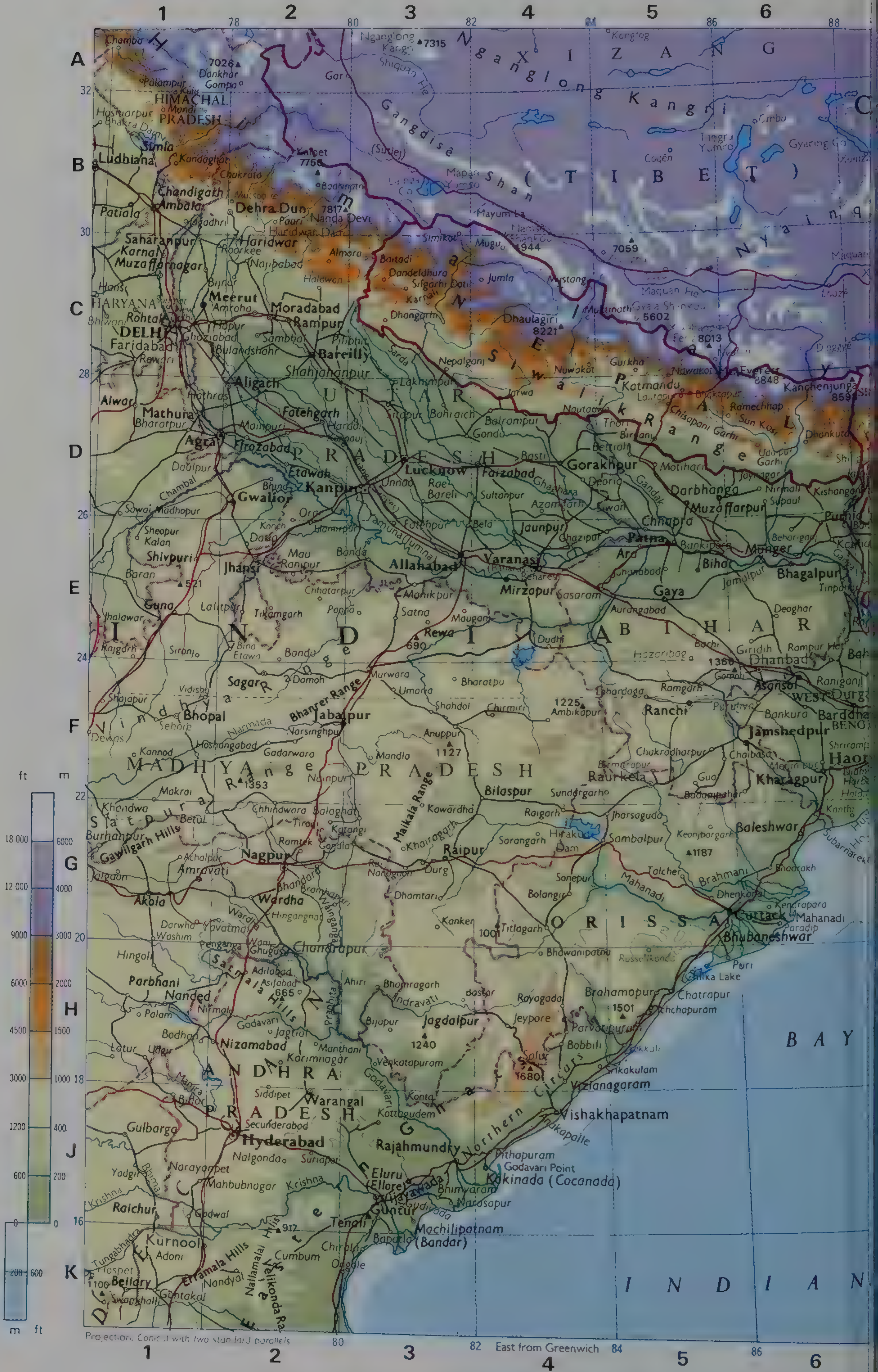
CARTOGRAPHY BY PHILIP'S.

5

38 PHILIPPINES AND EASTERN INDONESIA



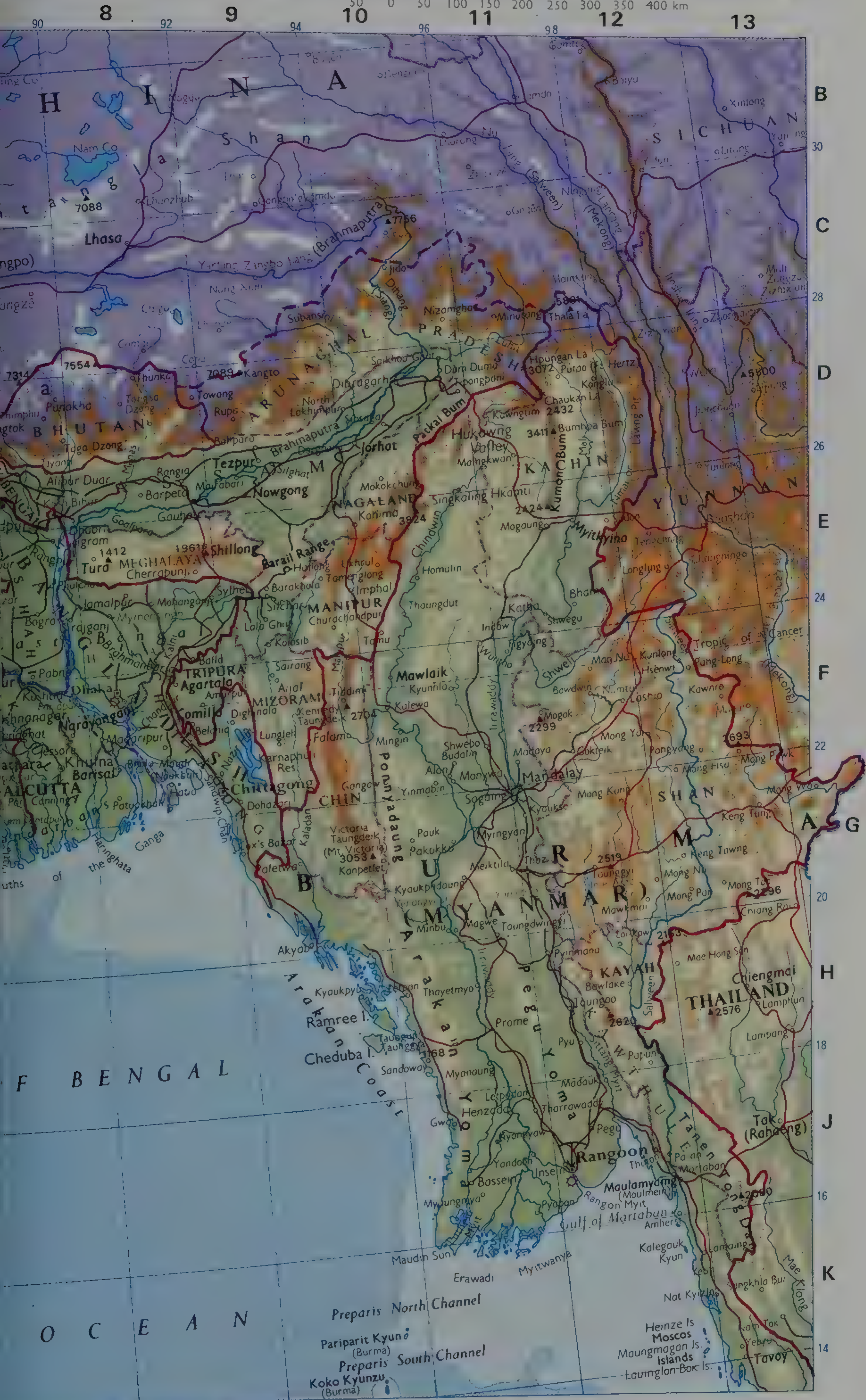
40 EASTERN INDIA, BANGLADESH AND BURMA



1: 10 000 000

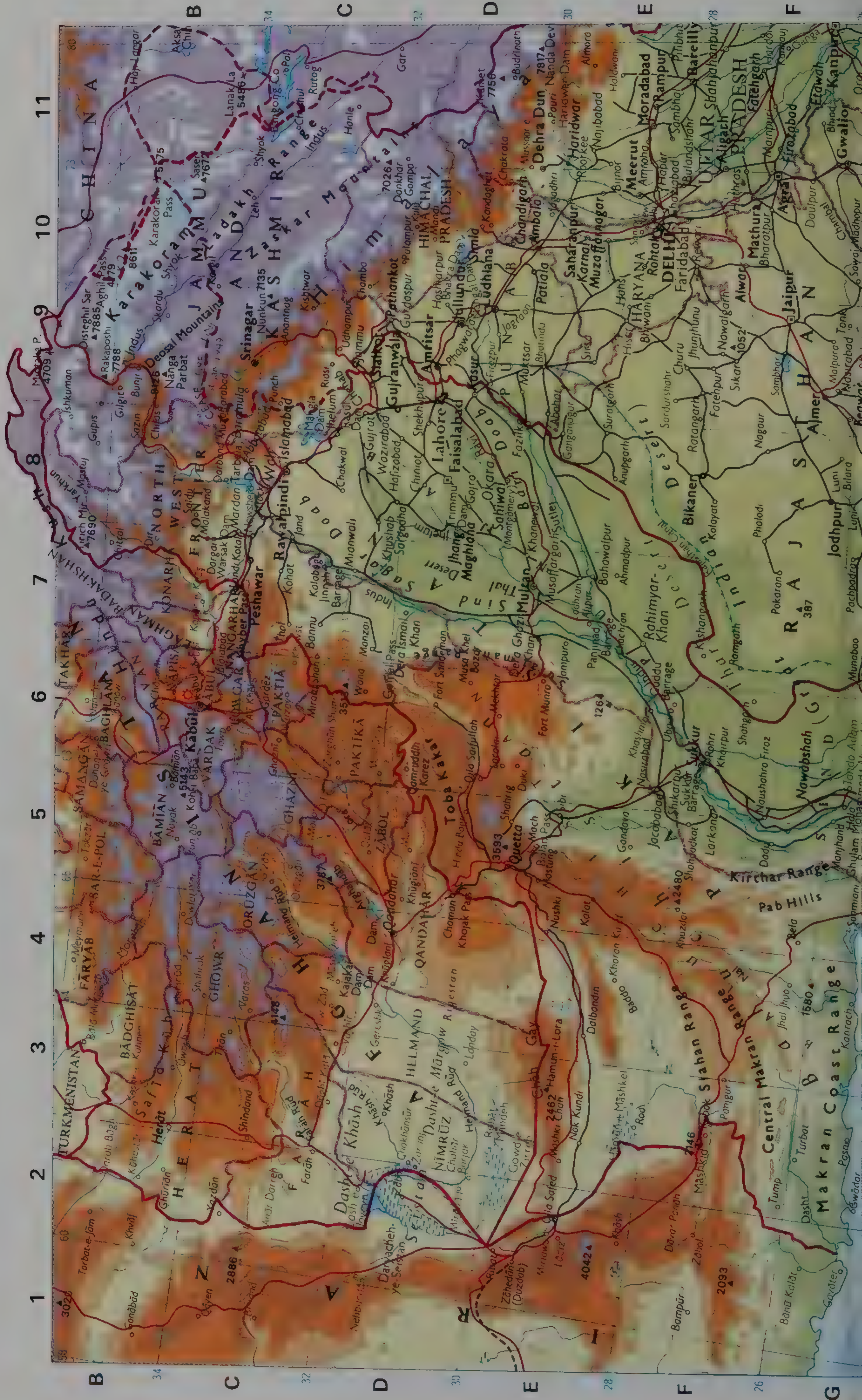
50 0 50 100 150 200 250 miles
50 0 50 100 150 200 250 300 350 400 km

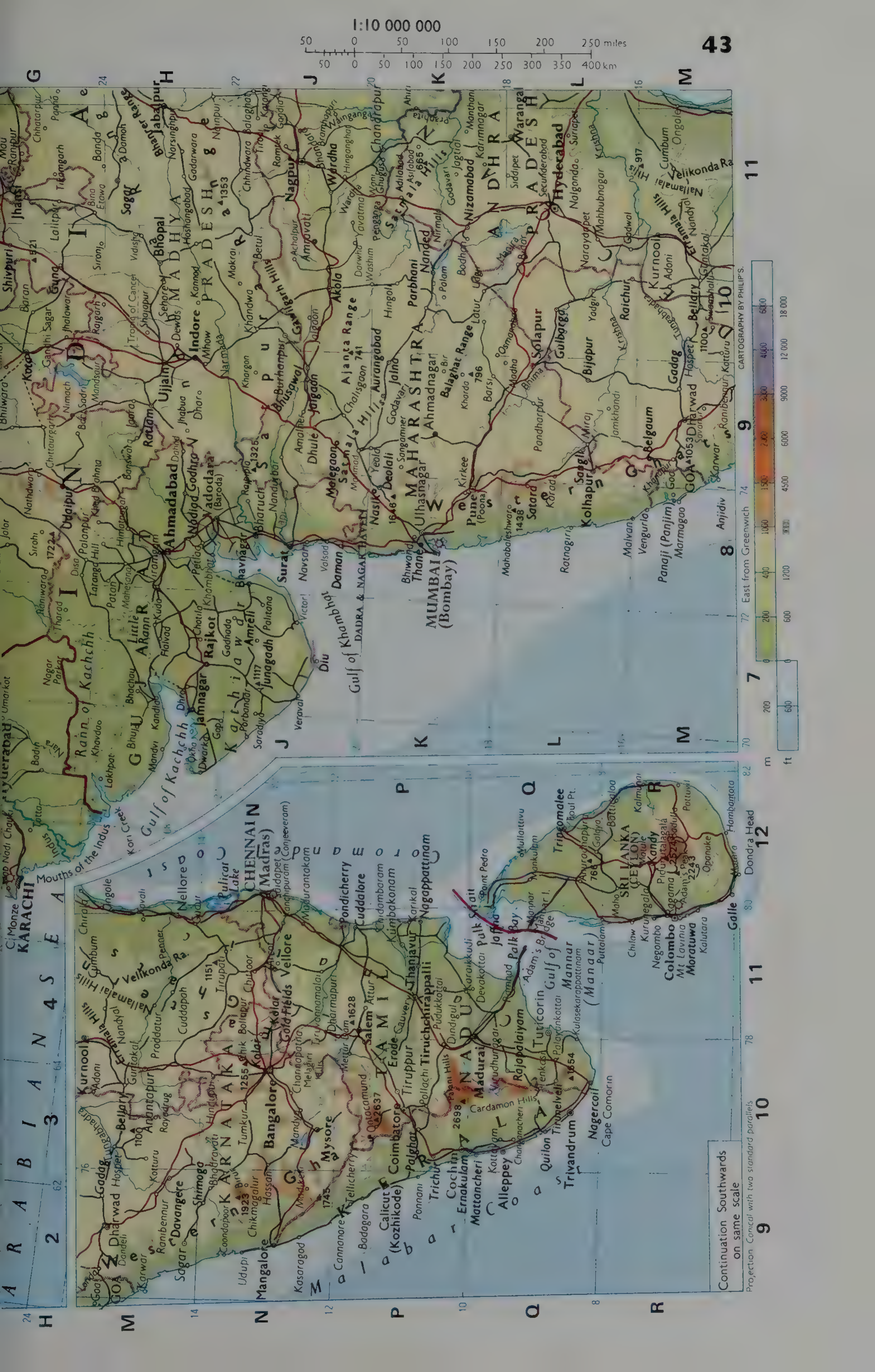
41



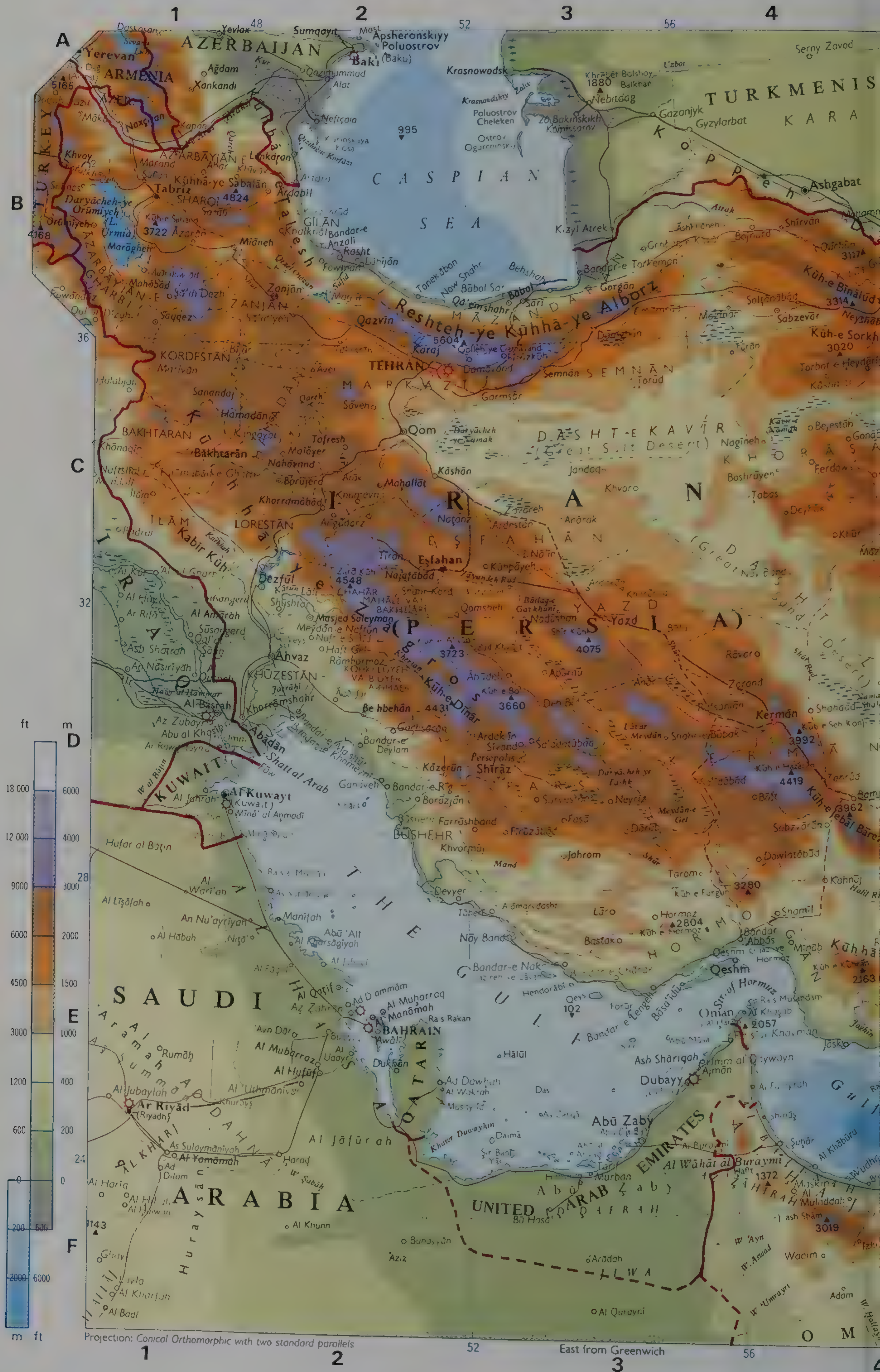
CARTOGRAPHY BY PHILIP'S

42 WESTERN INDIA AND PAKISTAN

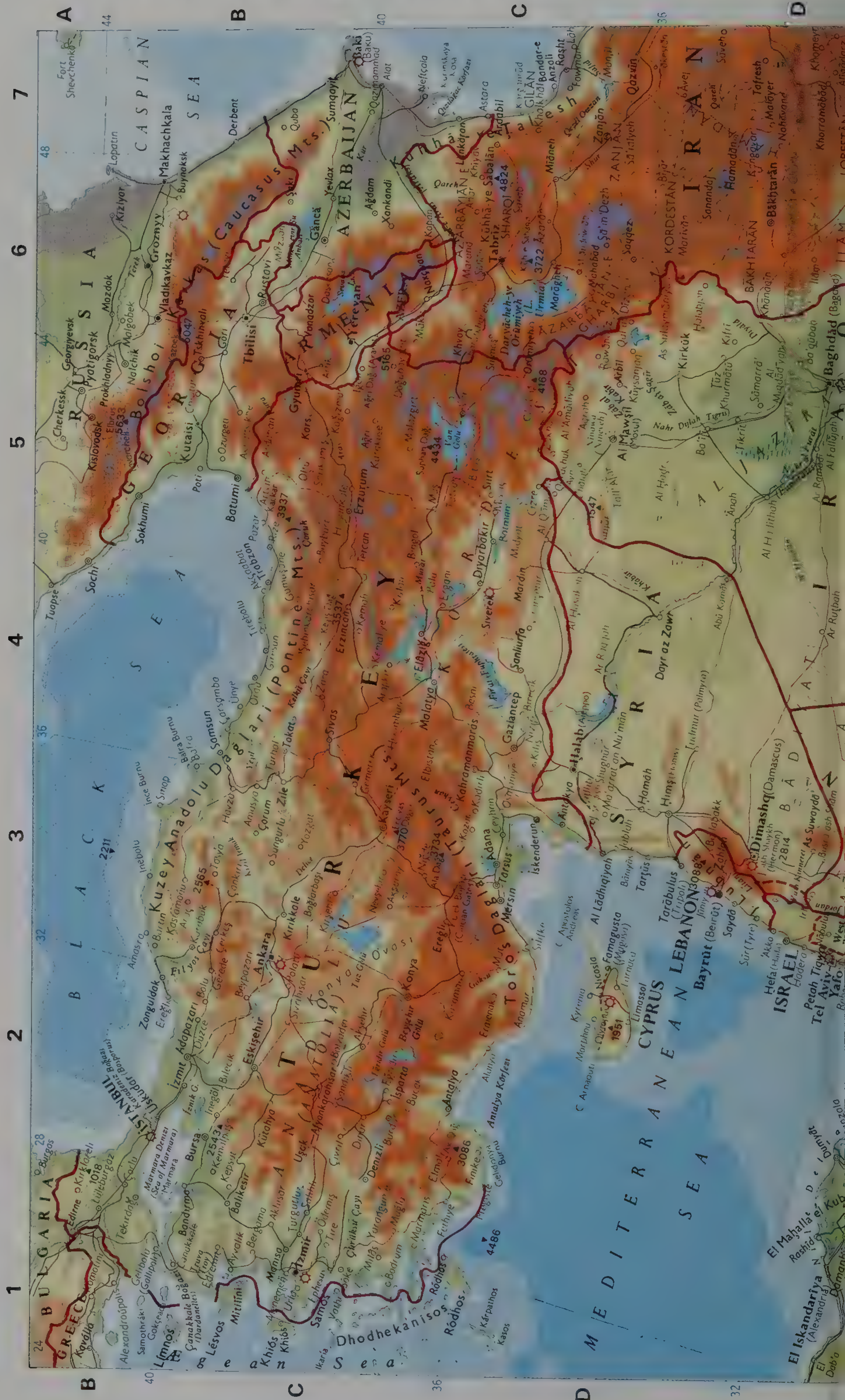




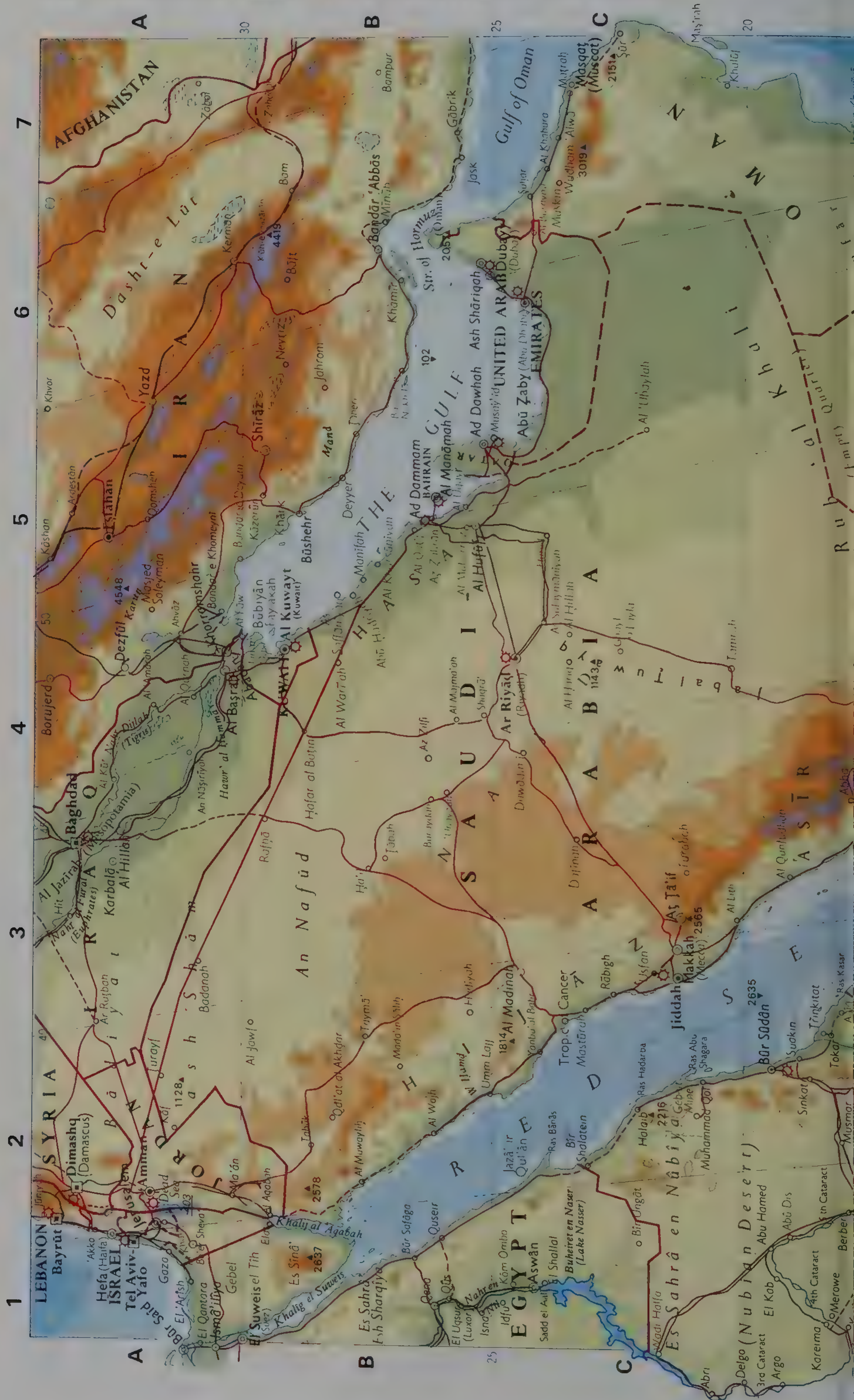
44 IRAN, THE GULF AND AFGHANISTAN

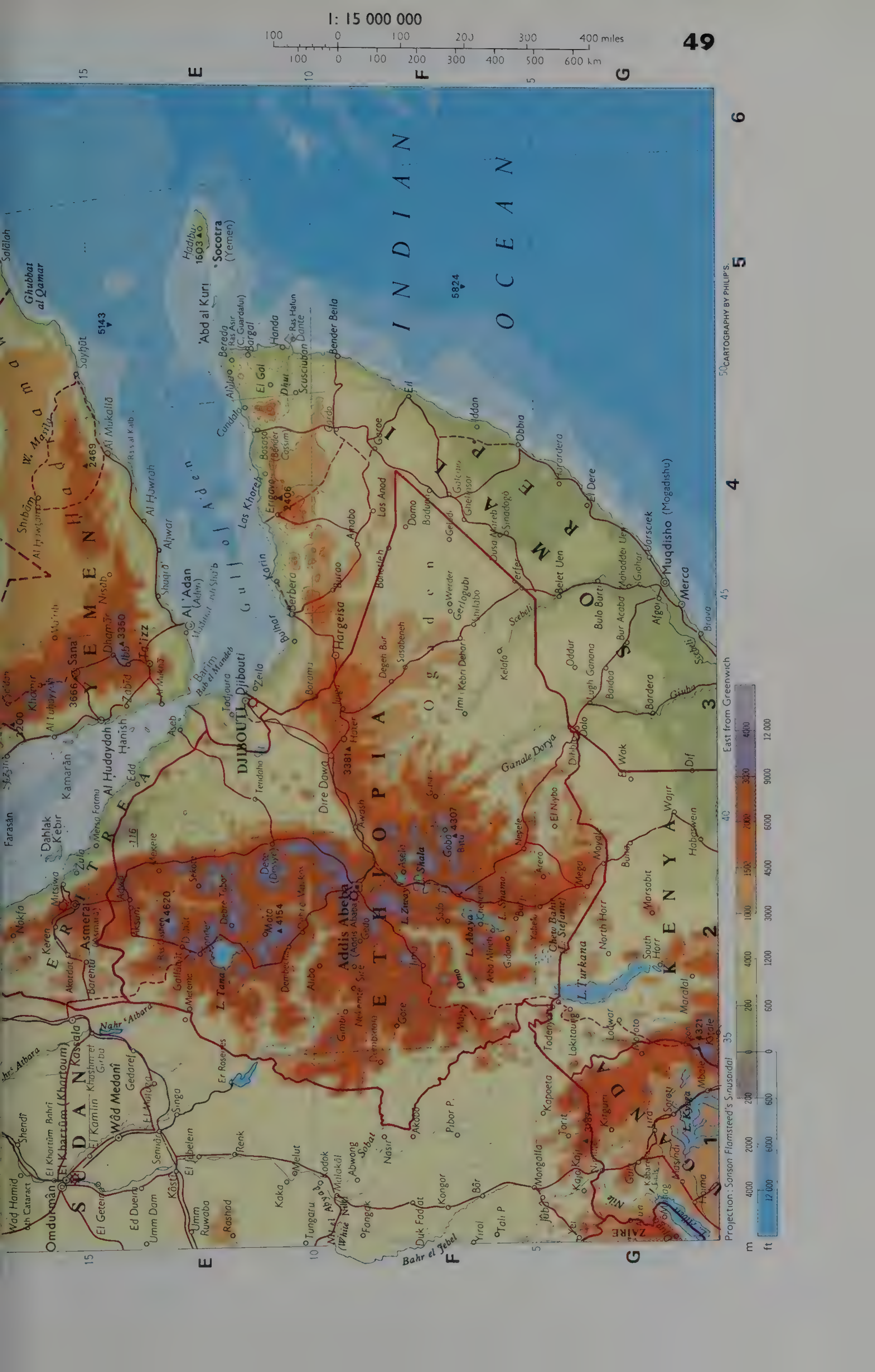


46 THE MIDDLE EAST AND TURKEY



48 ARABIA AND THE HORN OF AFRICA

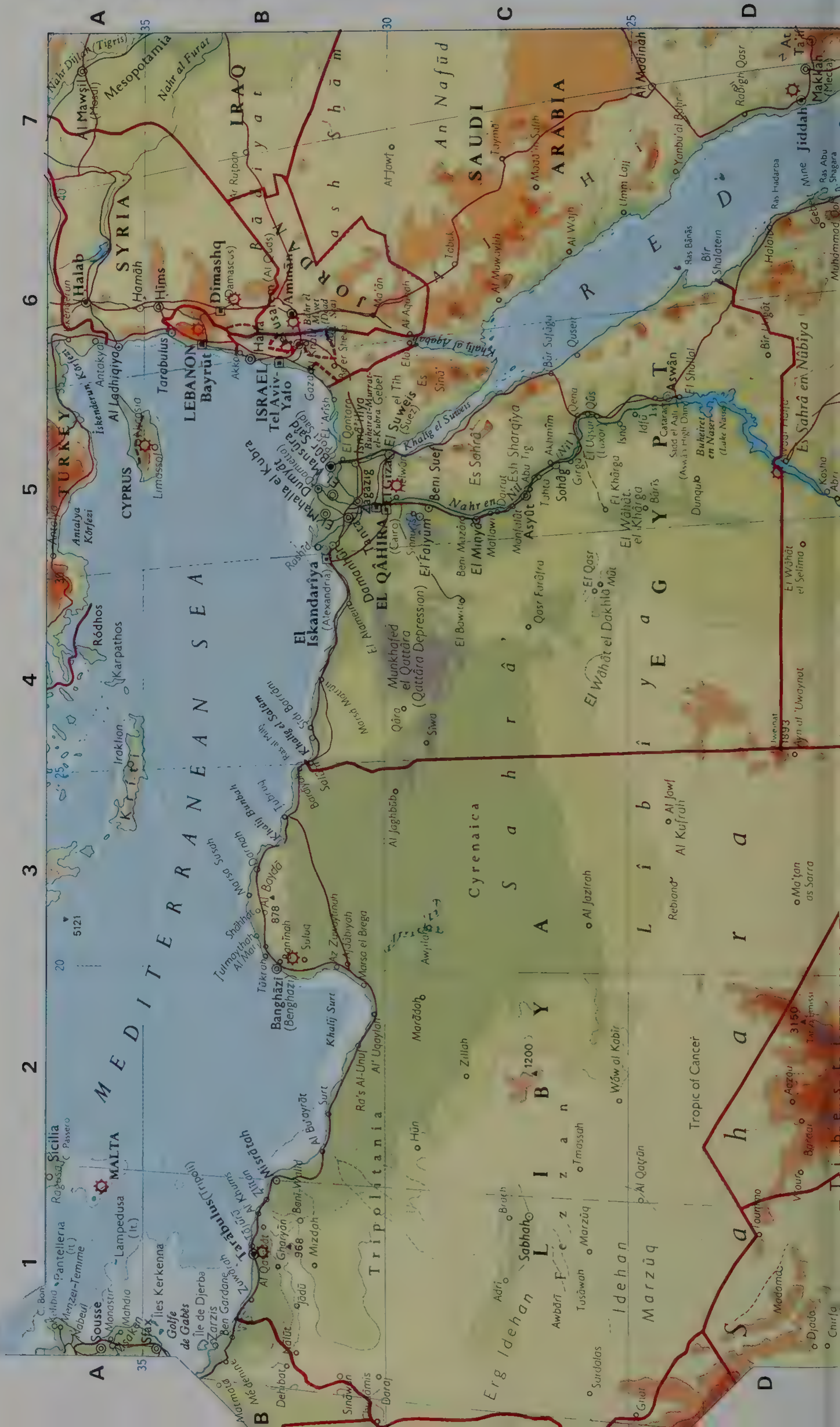


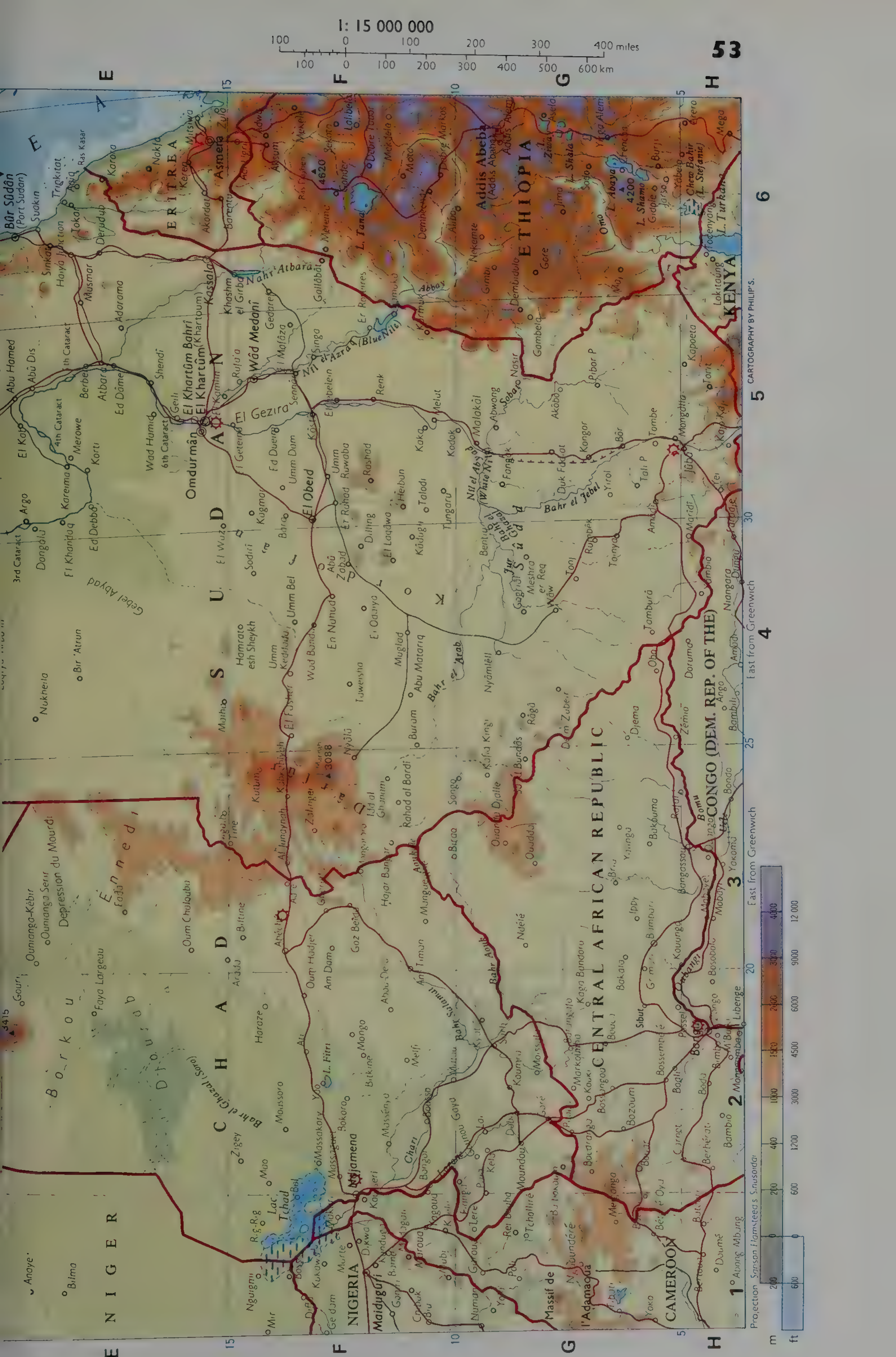




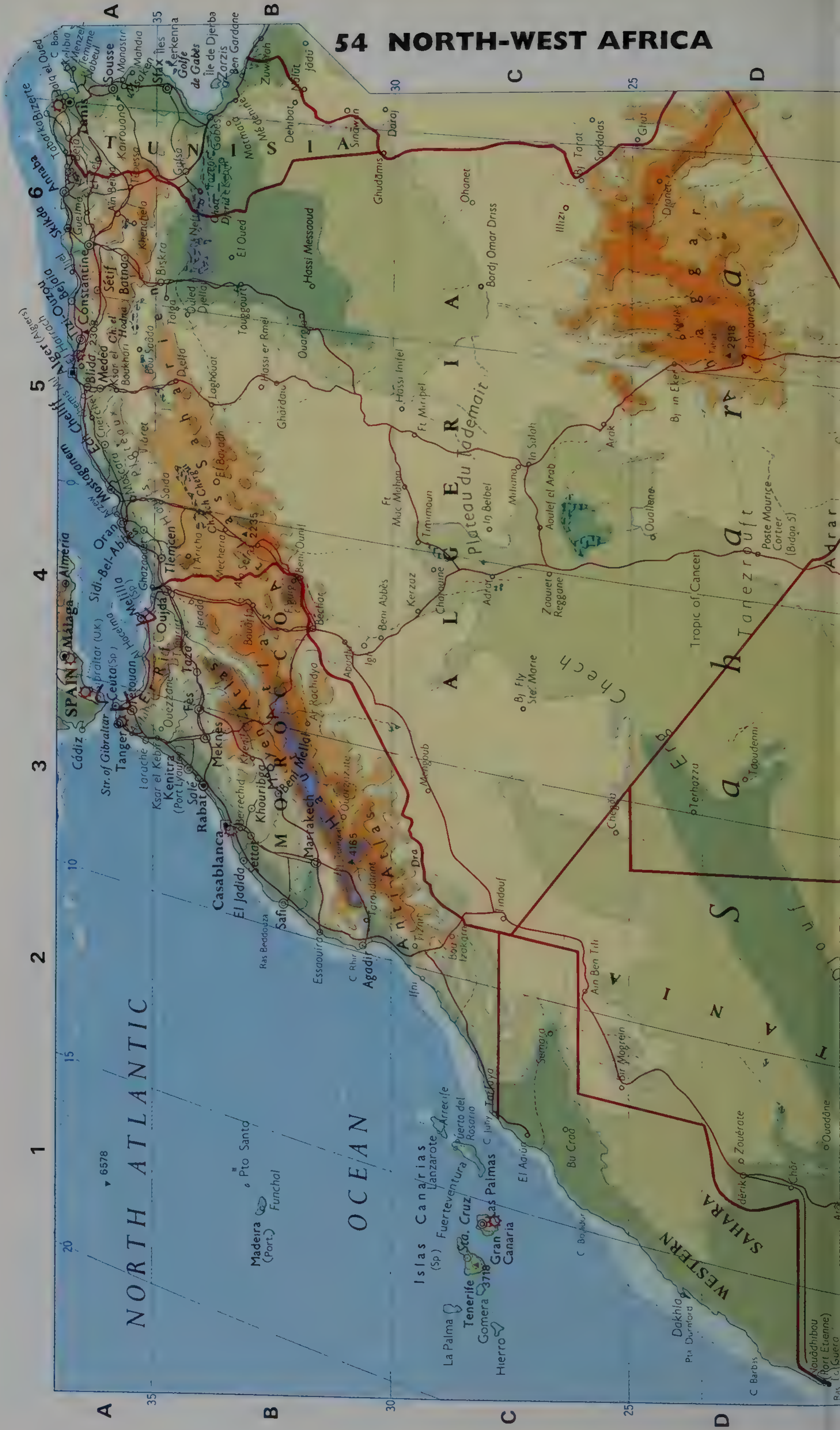


52 NORTH-EAST AFRICA



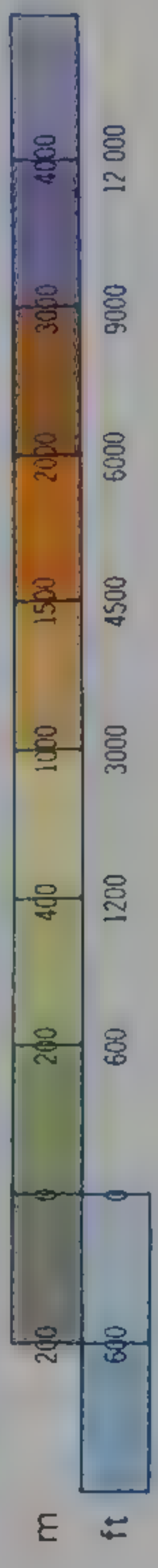


54 NORTH-WEST AFRICA





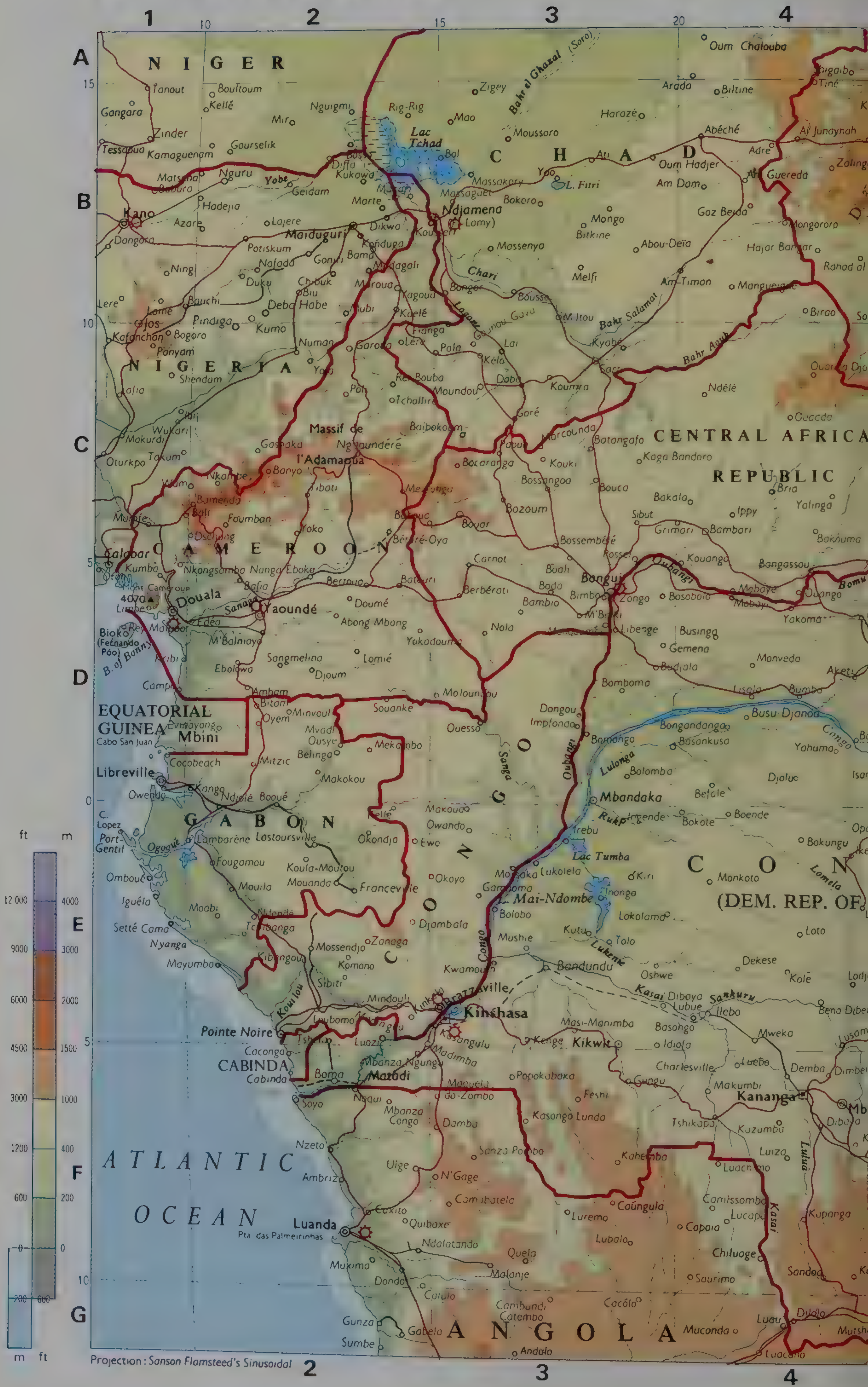
Scale: 1: 15 000 000
0 100 200 miles
0 100 200 300 km

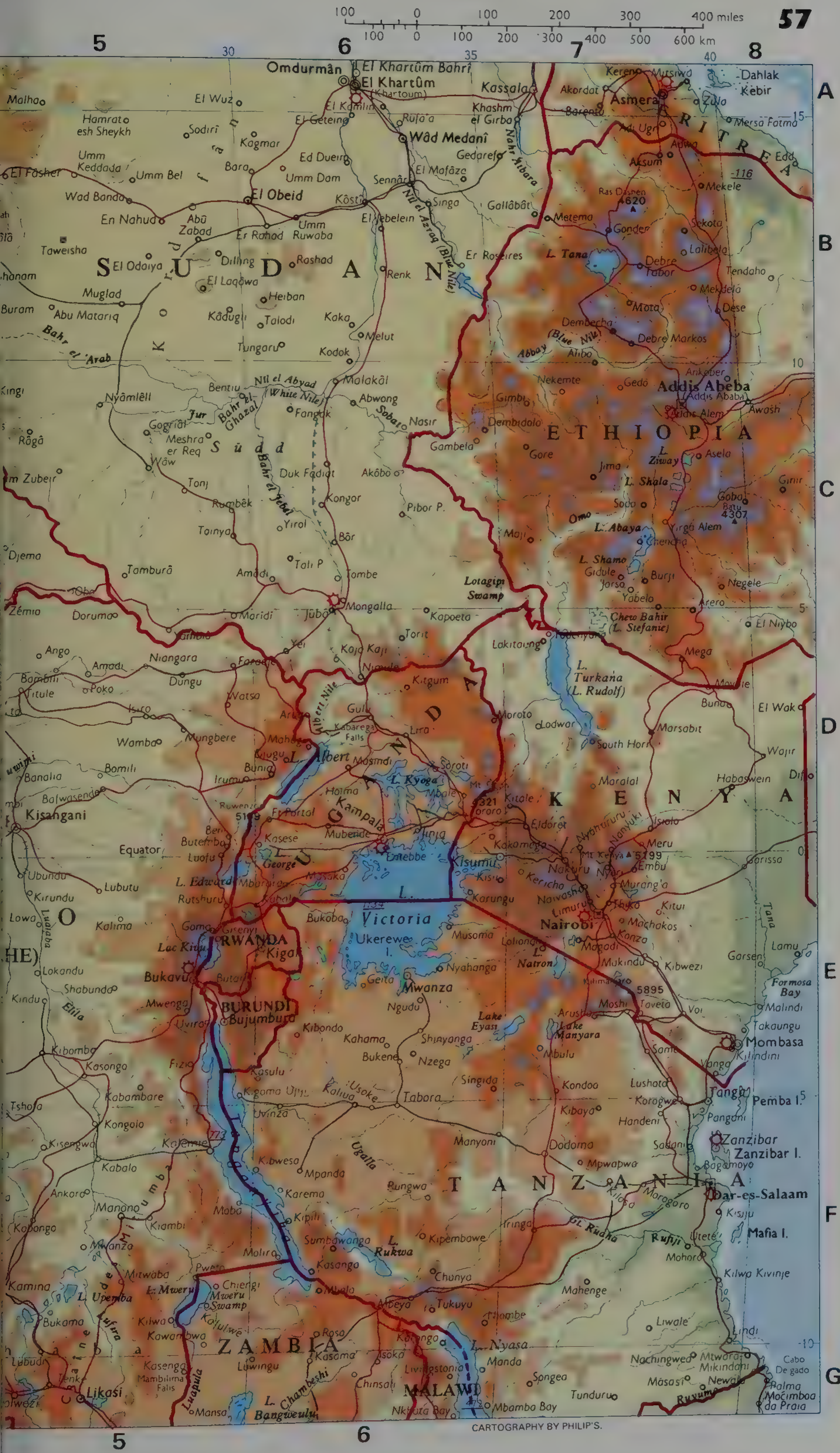


West from Greenwich 4 East from Greenwich 5

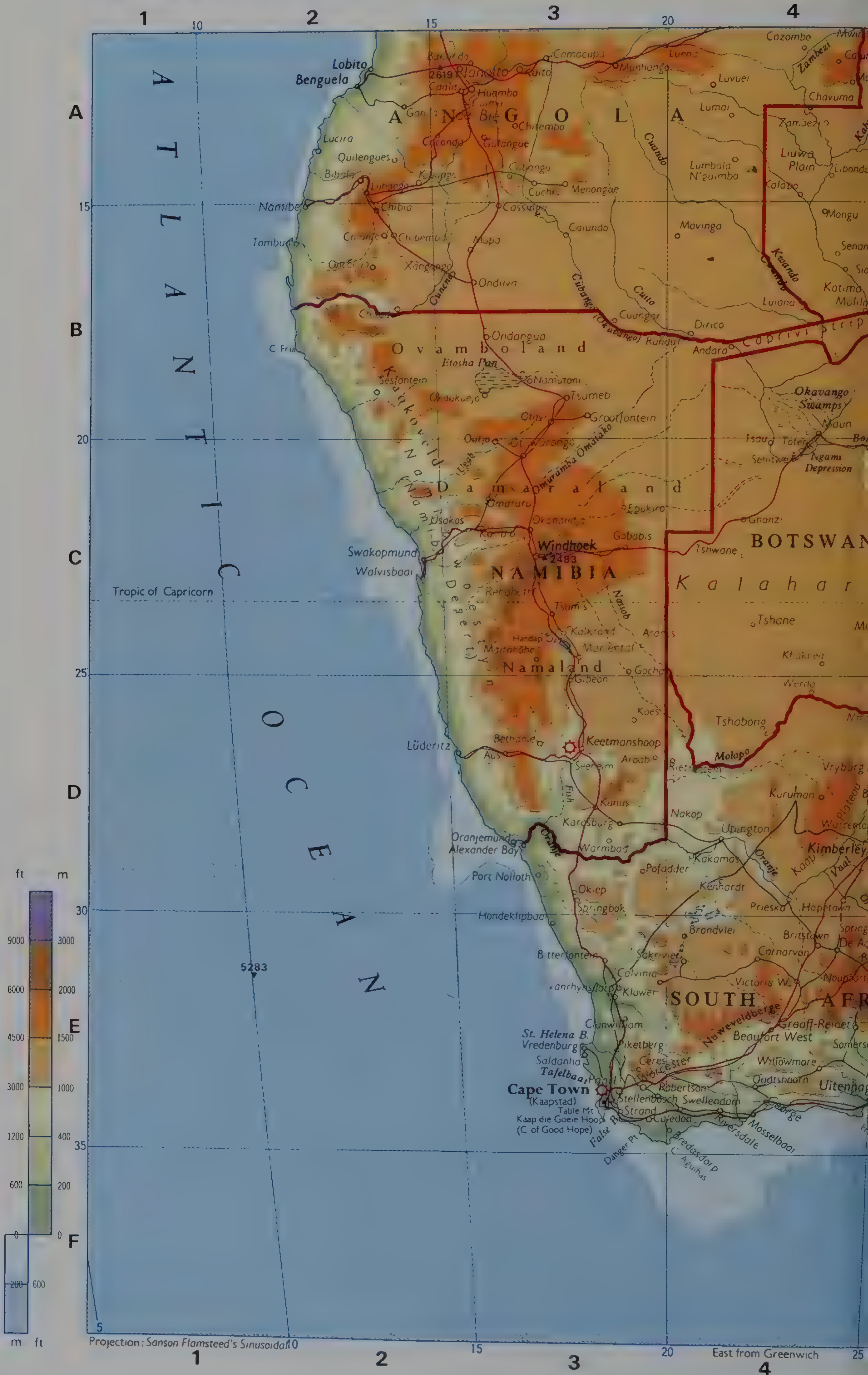
CARTOGRAPHY BY PHILIP S. PHILIPS.

56 CENTRAL AFRICA



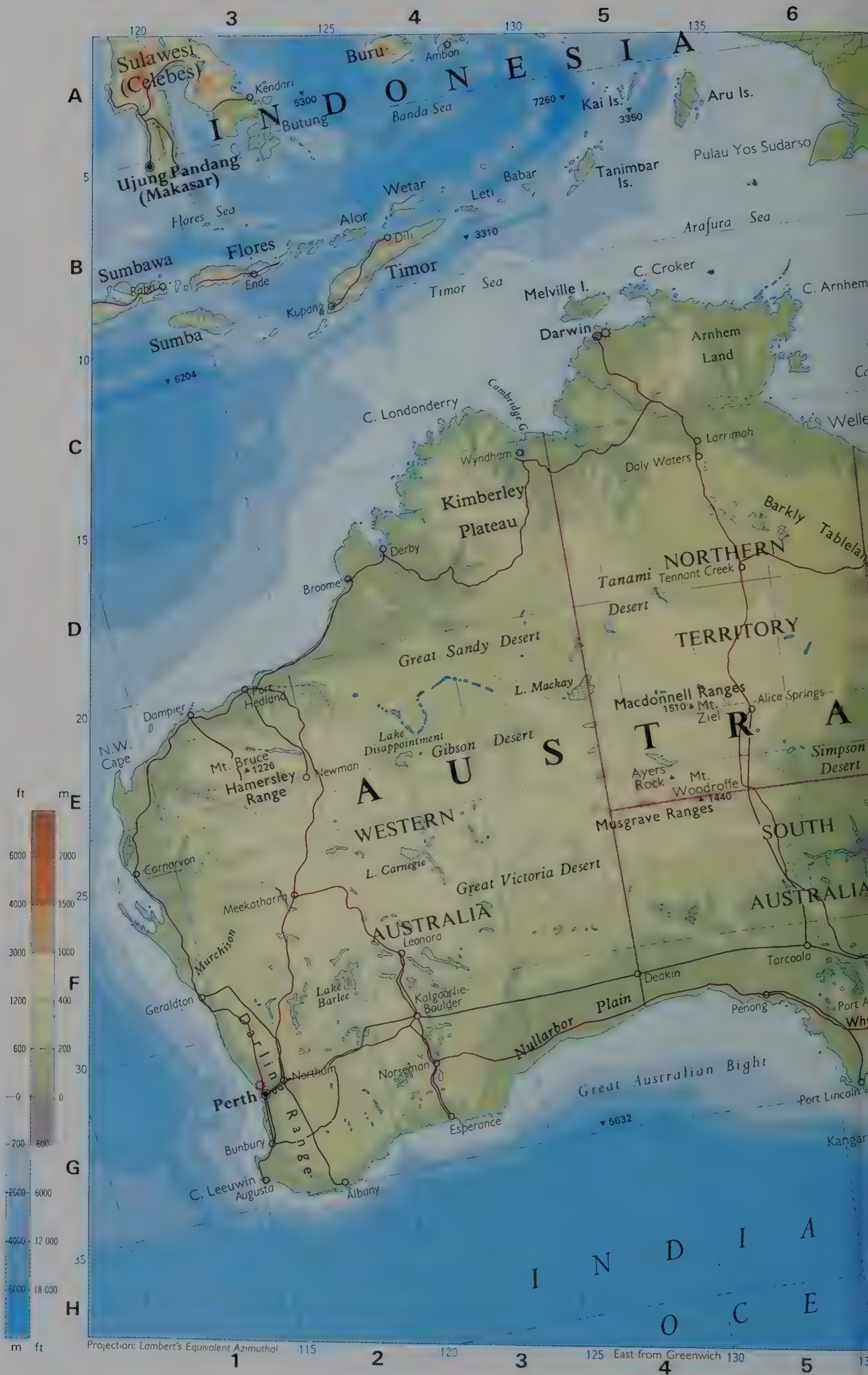


58 SOUTHERN AFRICA



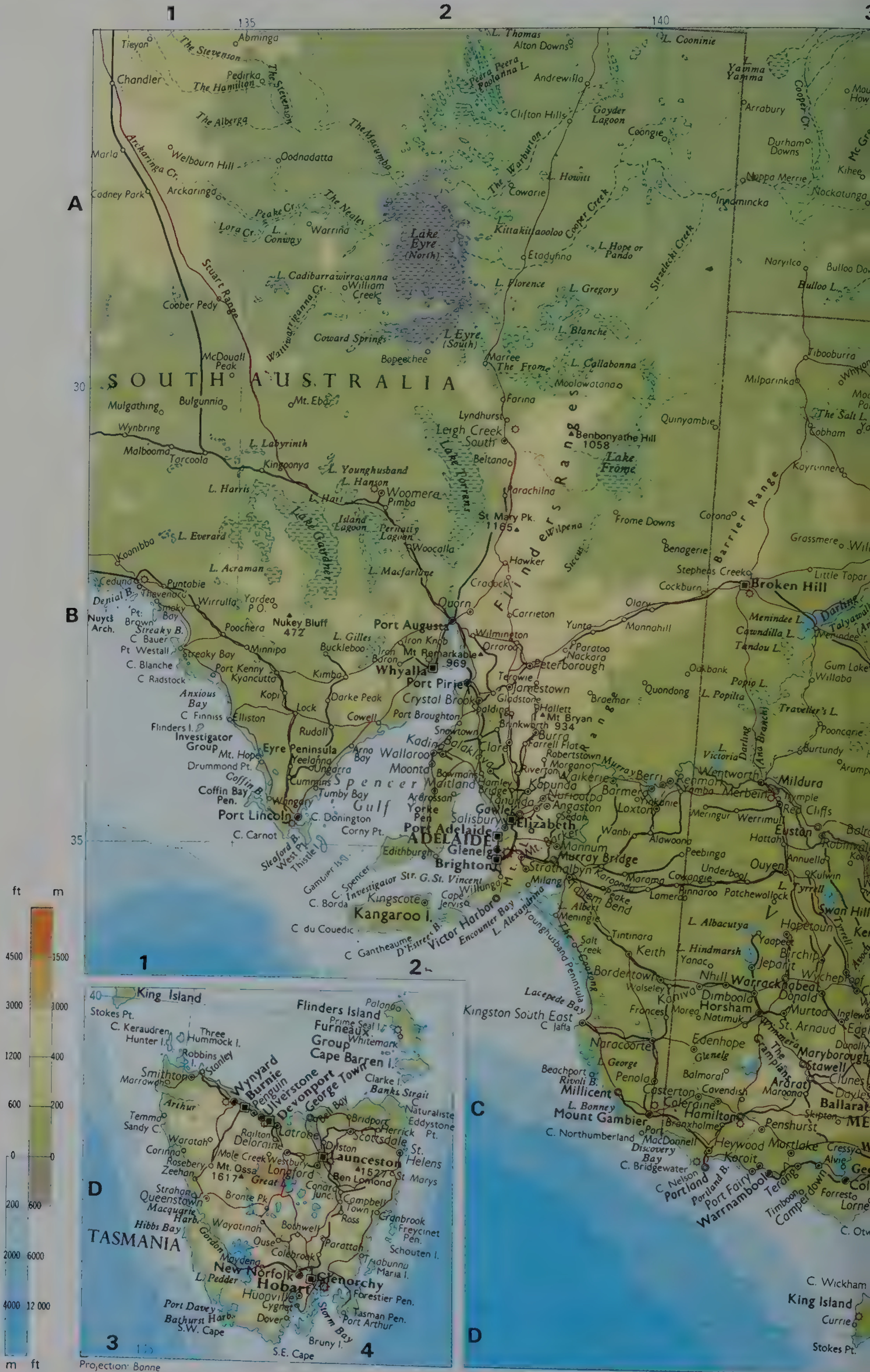


60 AUSTRALIA

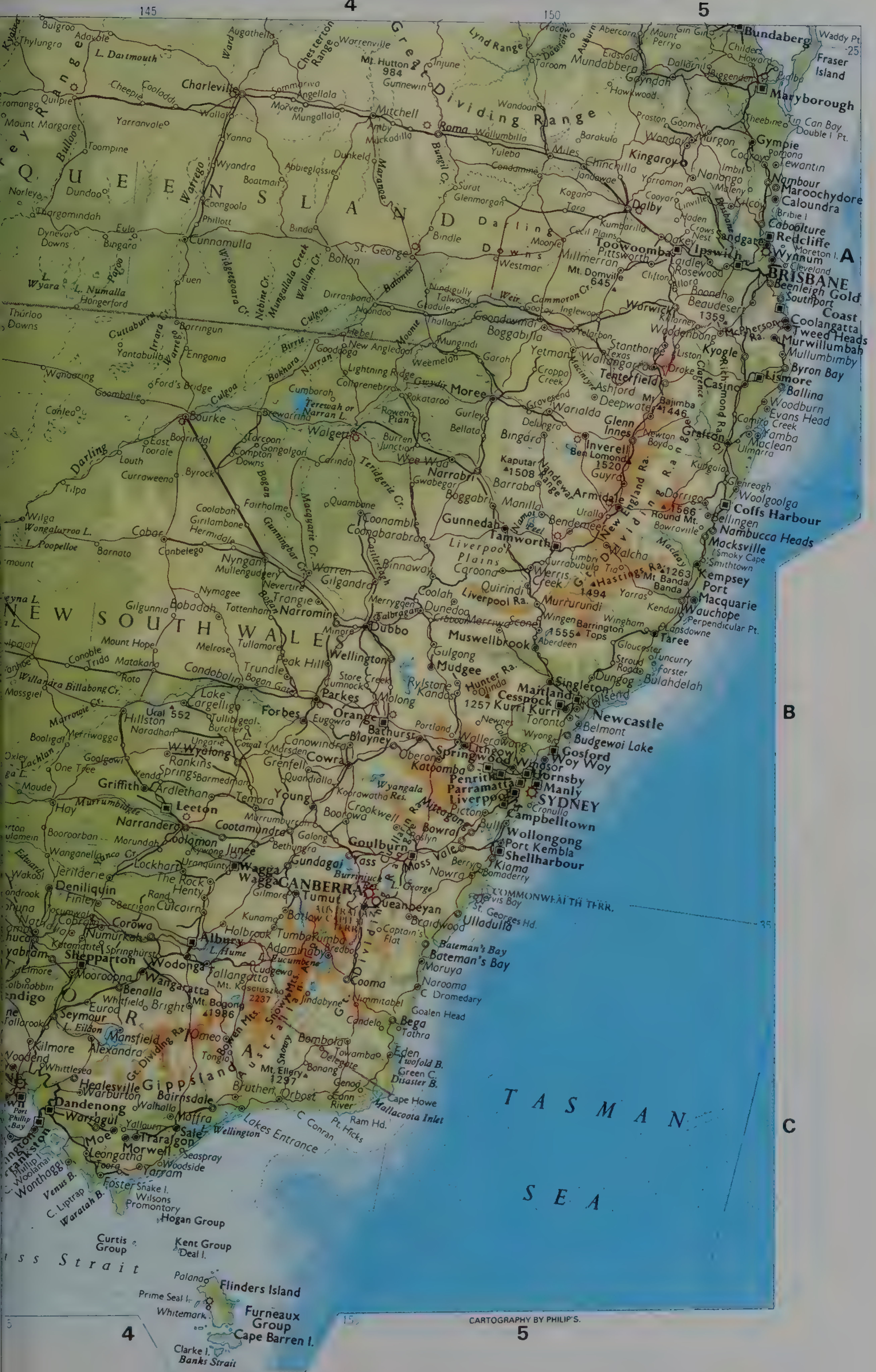




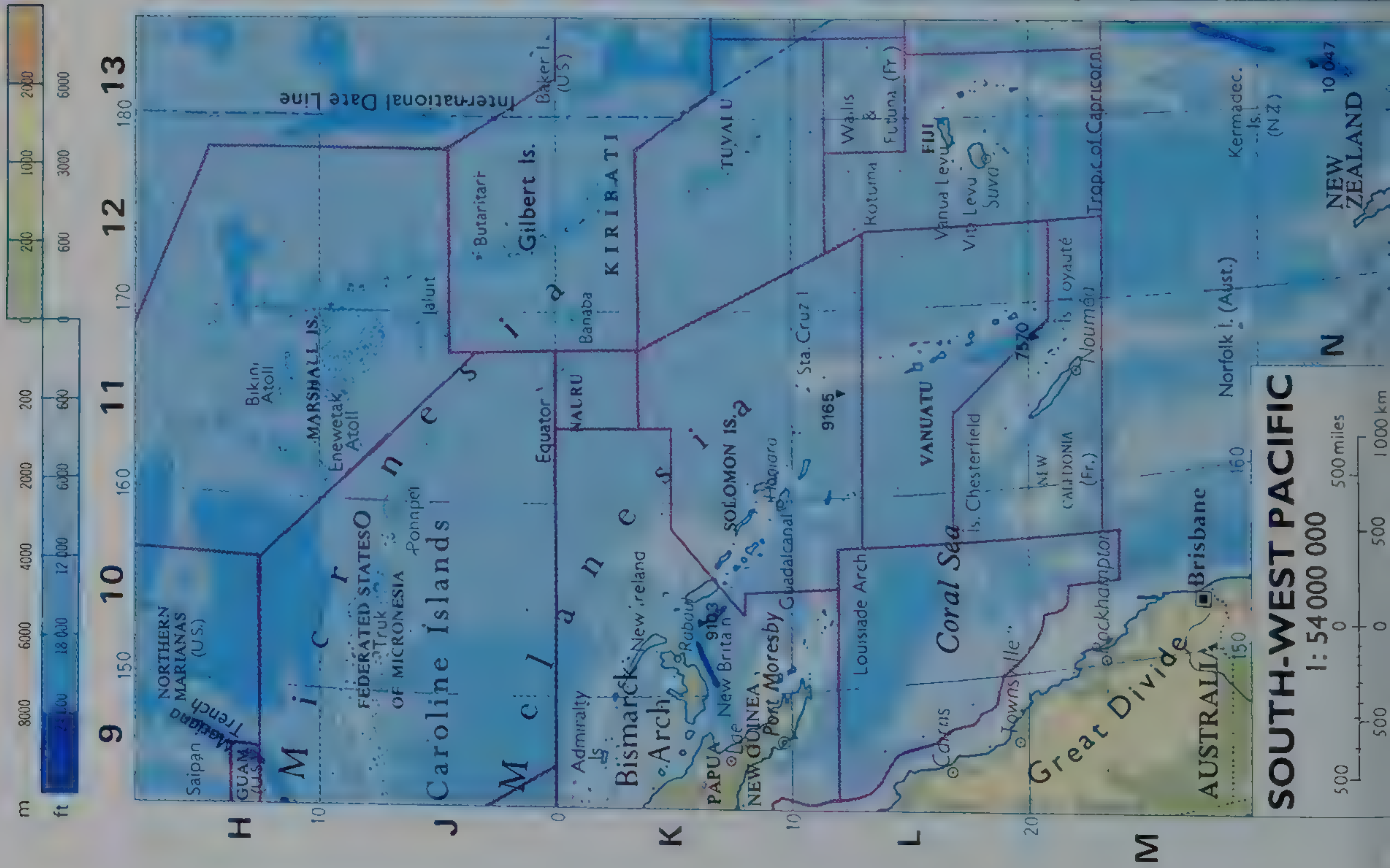
62 SOUTH-EAST AUSTRALIA

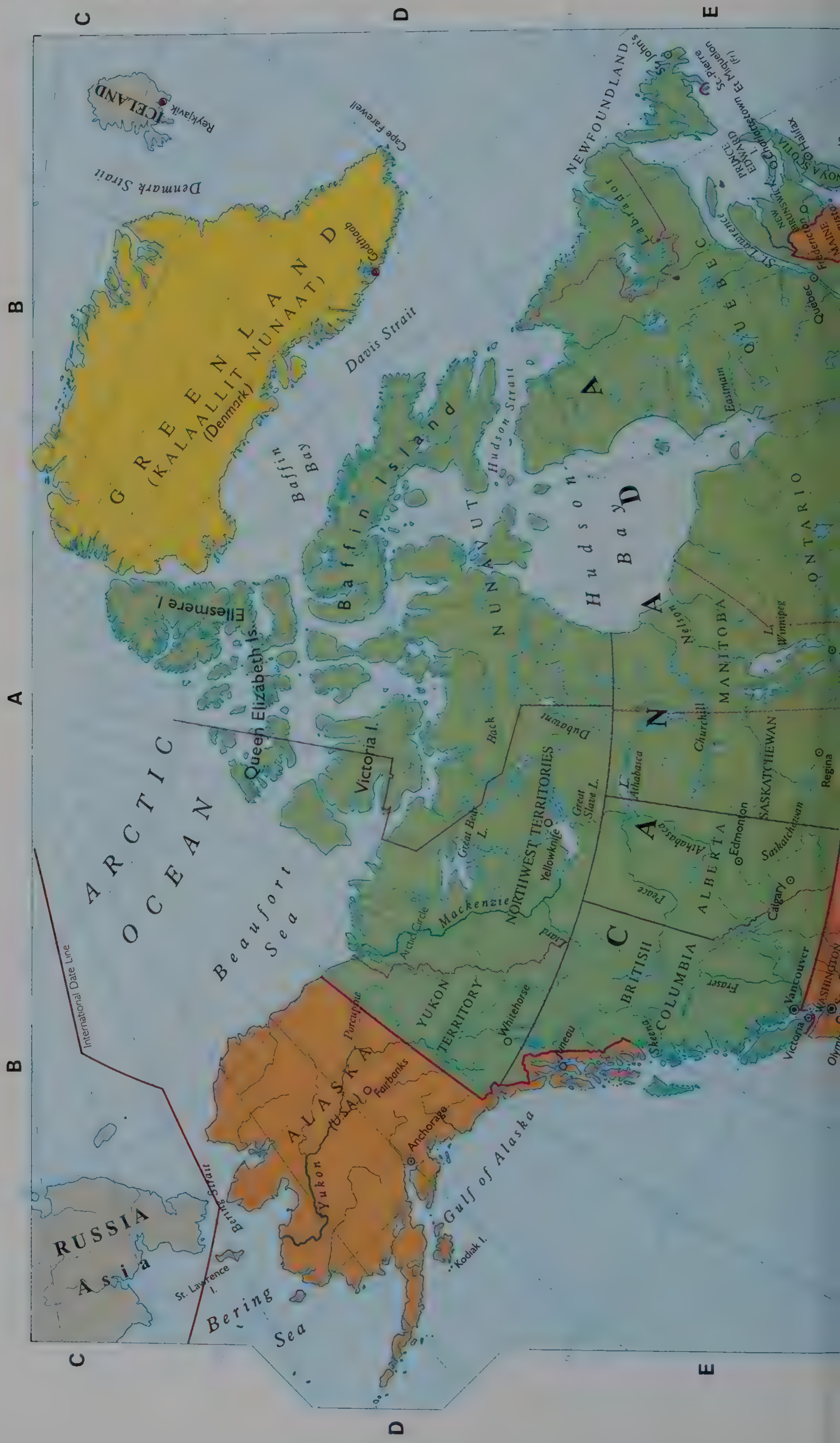


East from Greenwich

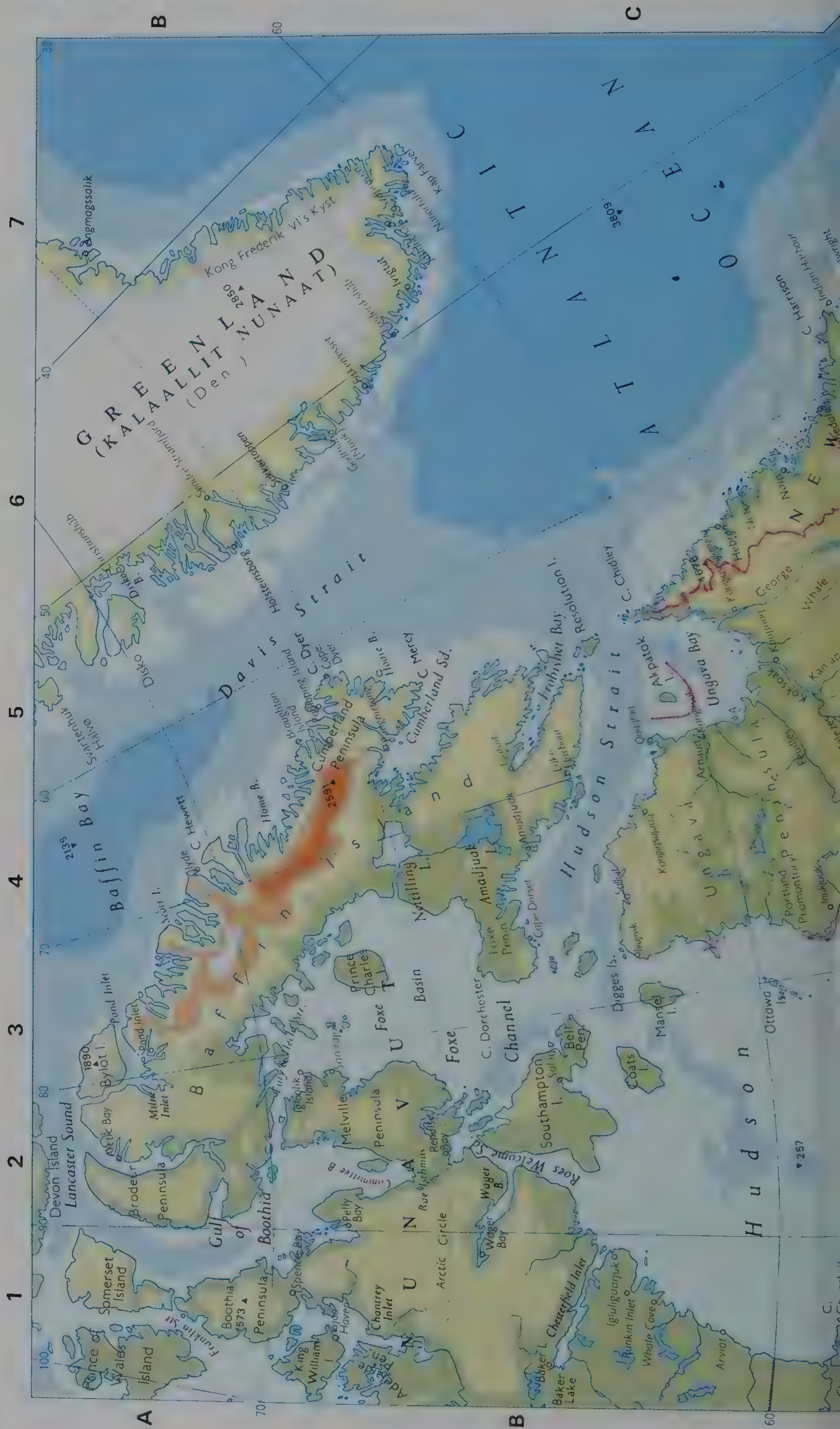


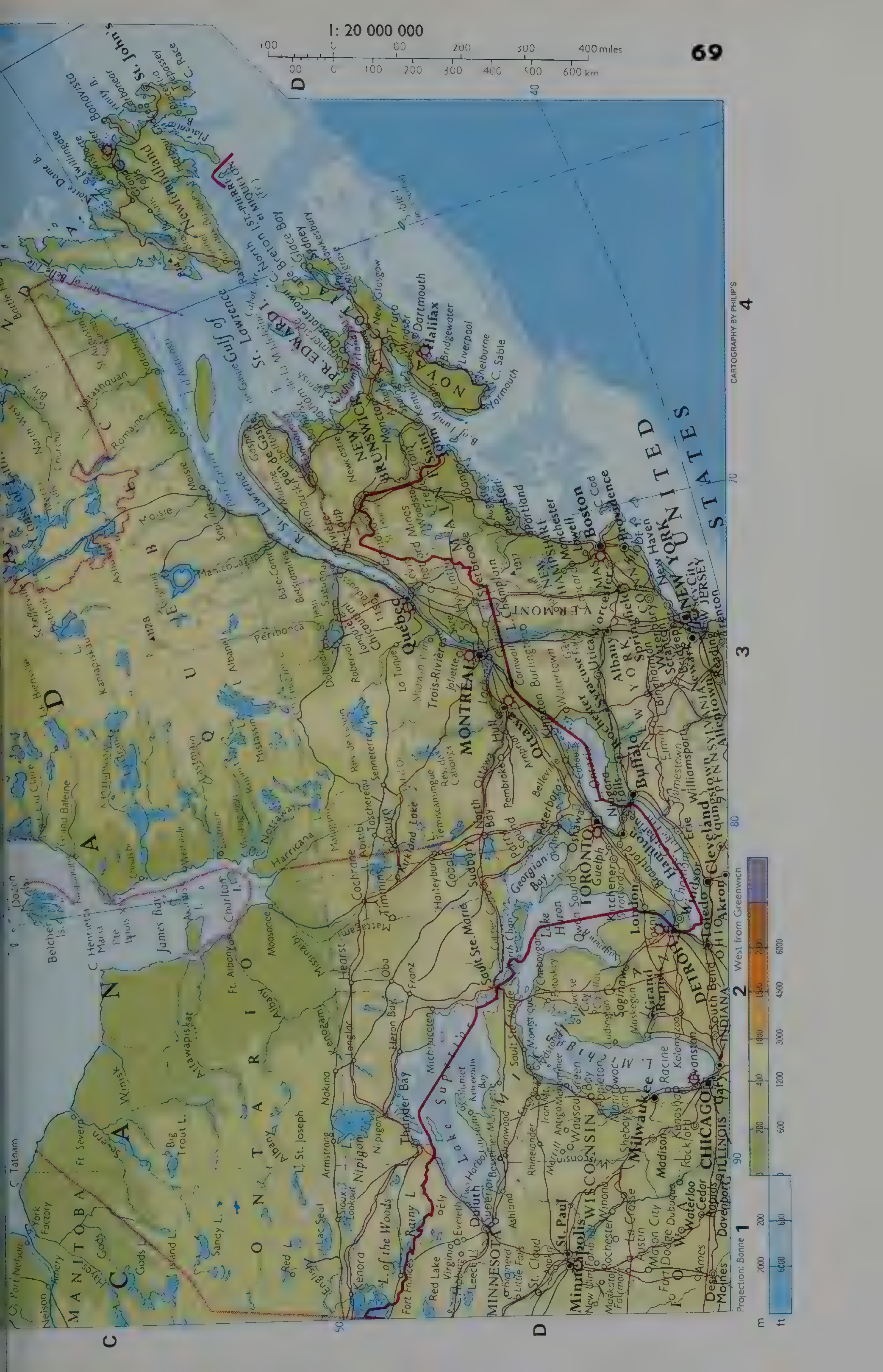
64 NEW ZEALAND, CENTRAL AND SOUTH-WEST PACIFIC



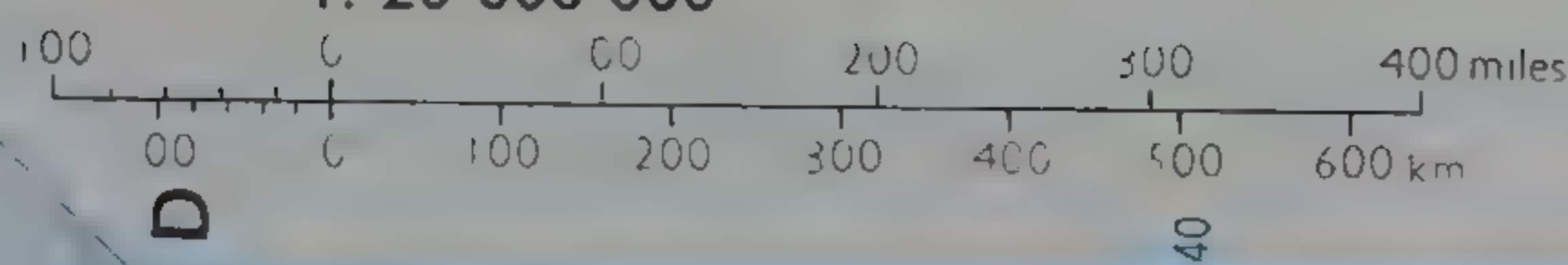








1: 20 000 000



69

CARTOGRAPHY BY PHILIP'S

4

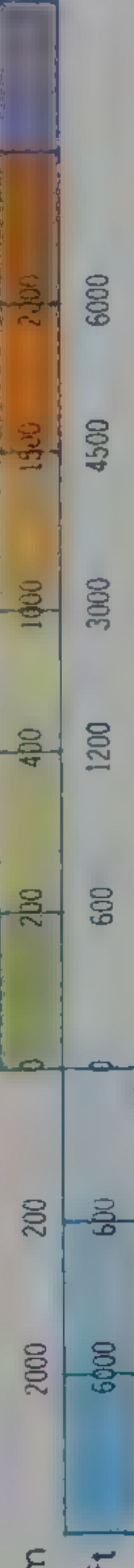
3

80

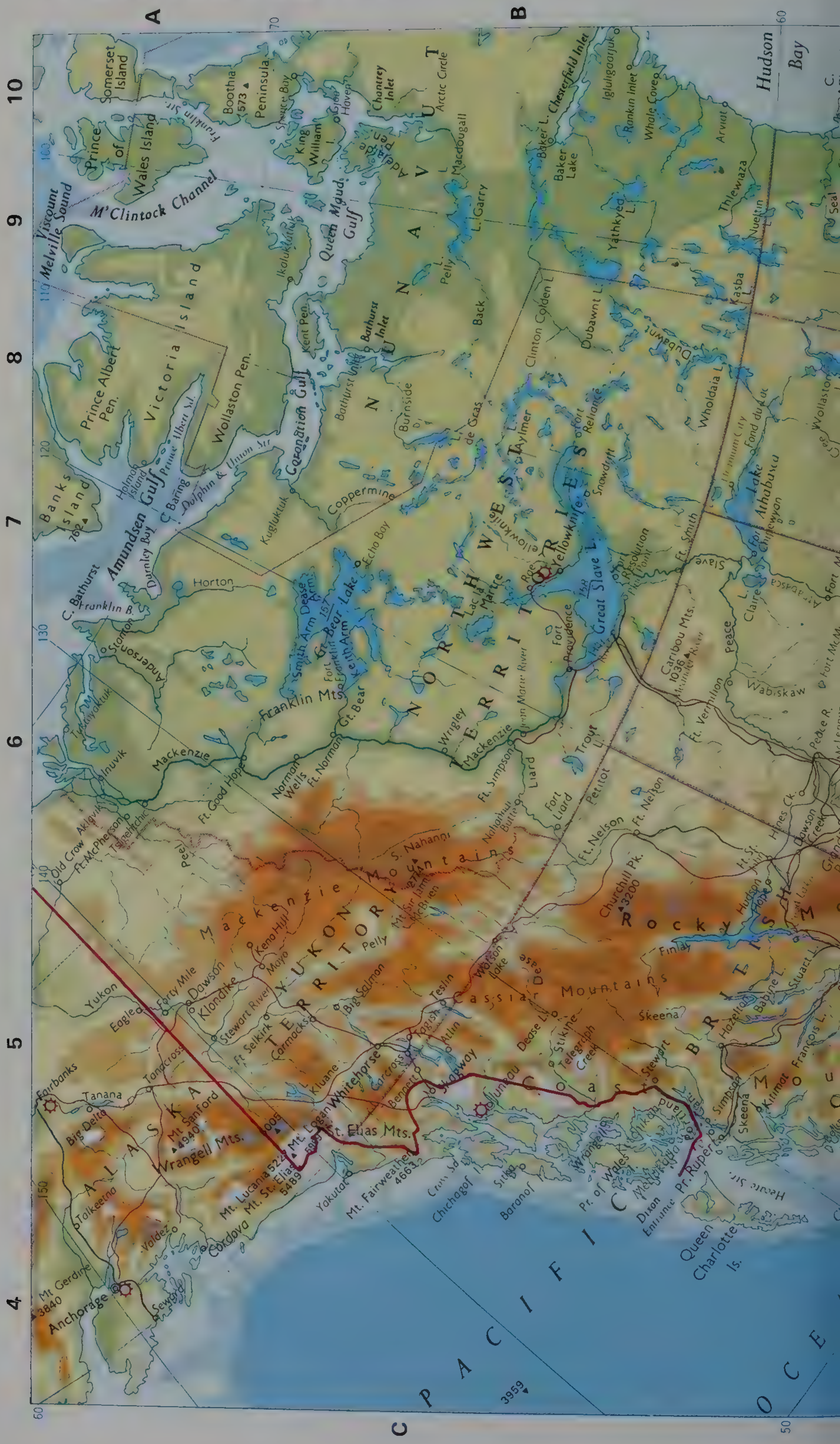
2 West from Greenwich

1

Projection: Bonne



70 WESTERN CANADA

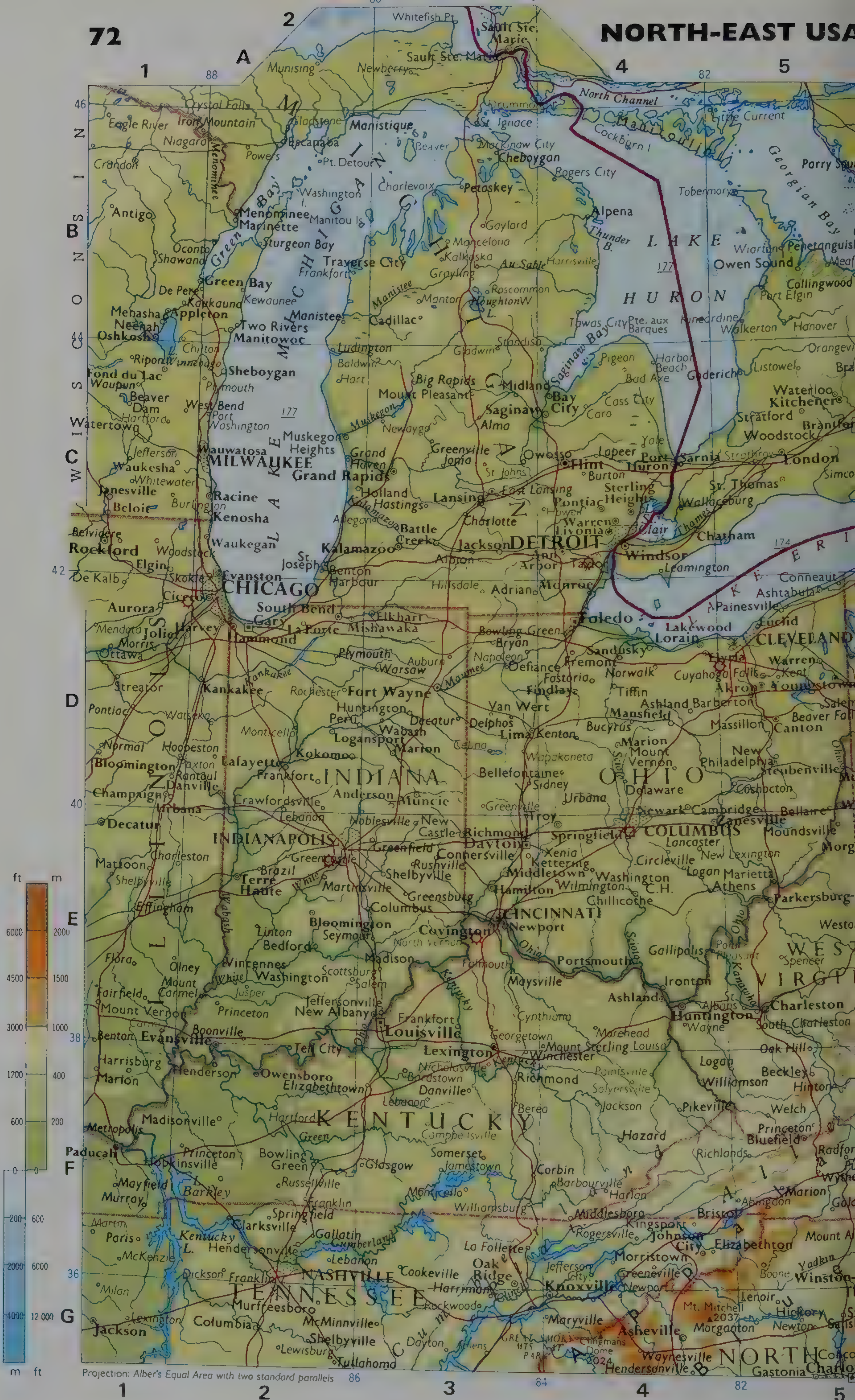




2



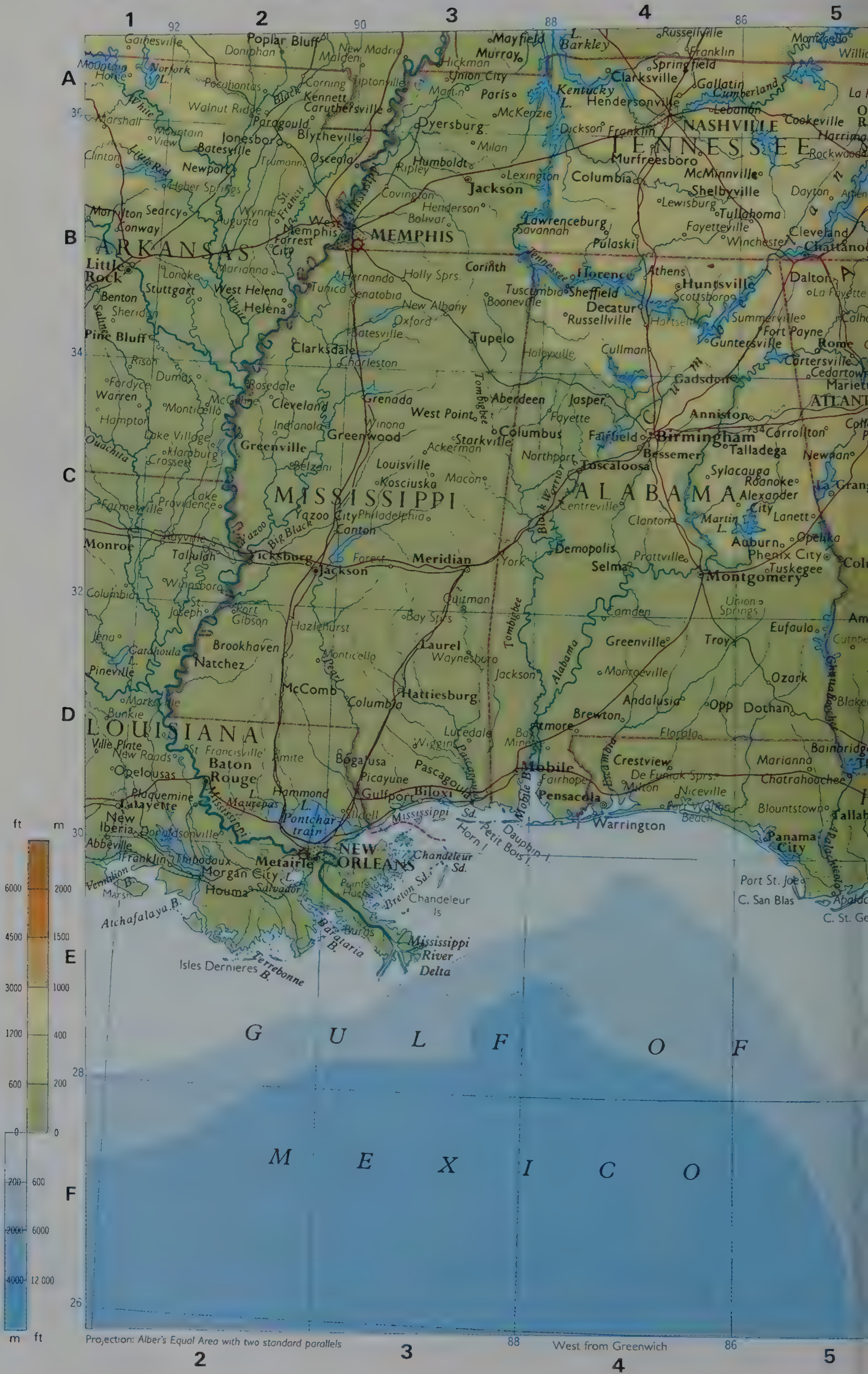
fi

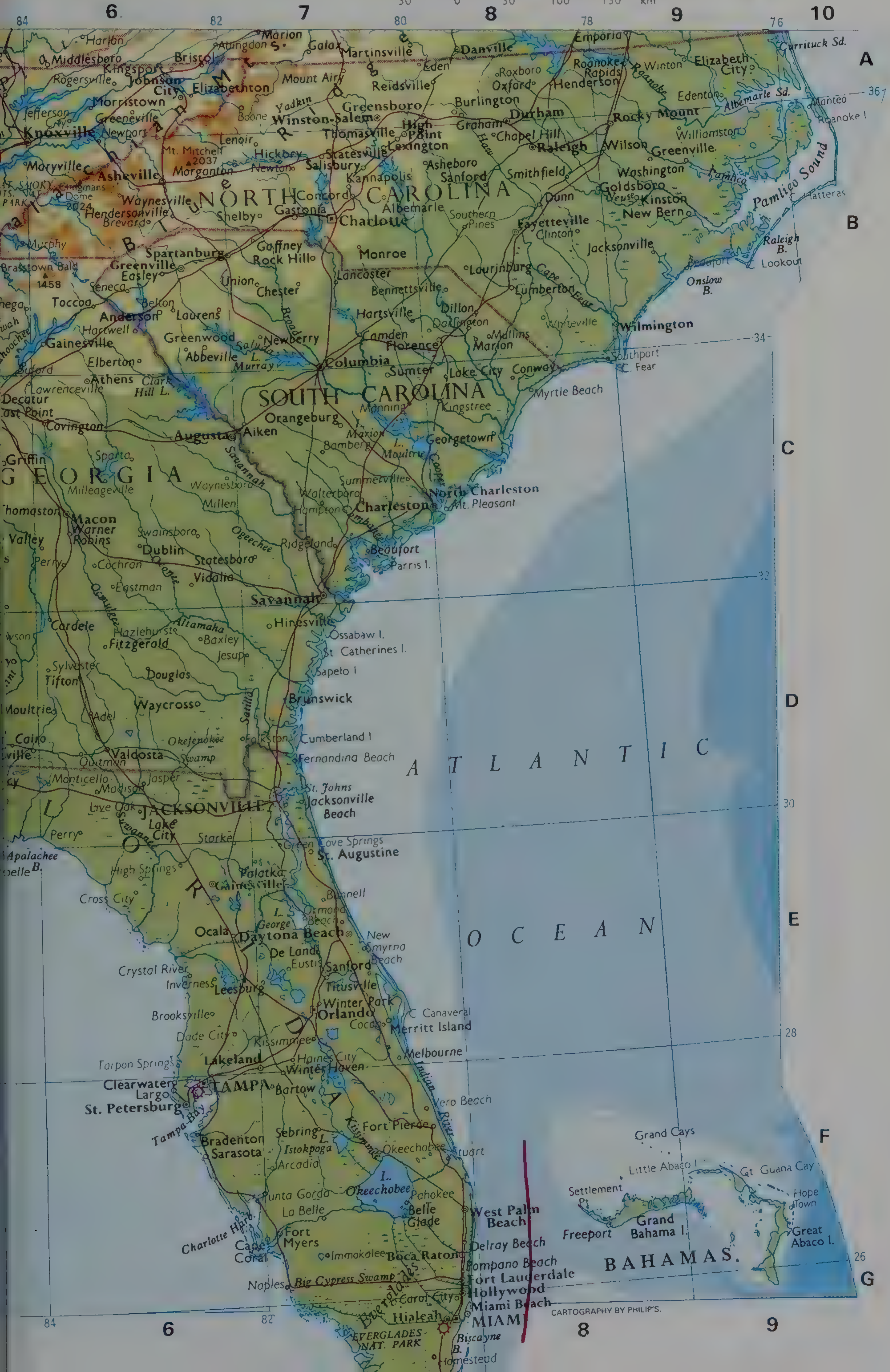
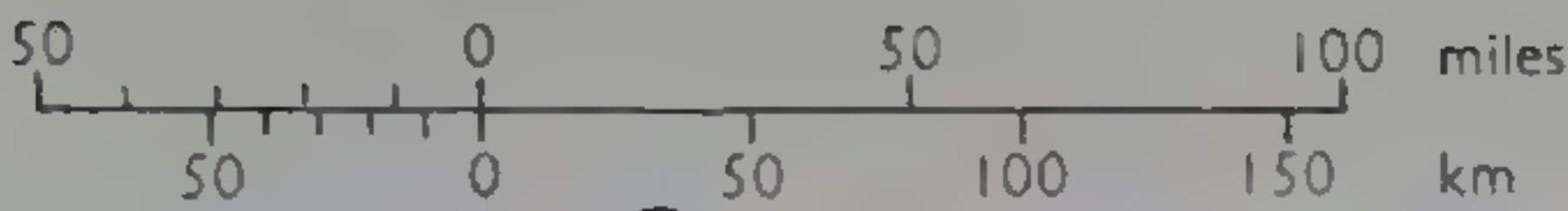




Continuation
Eastwards
On same scale

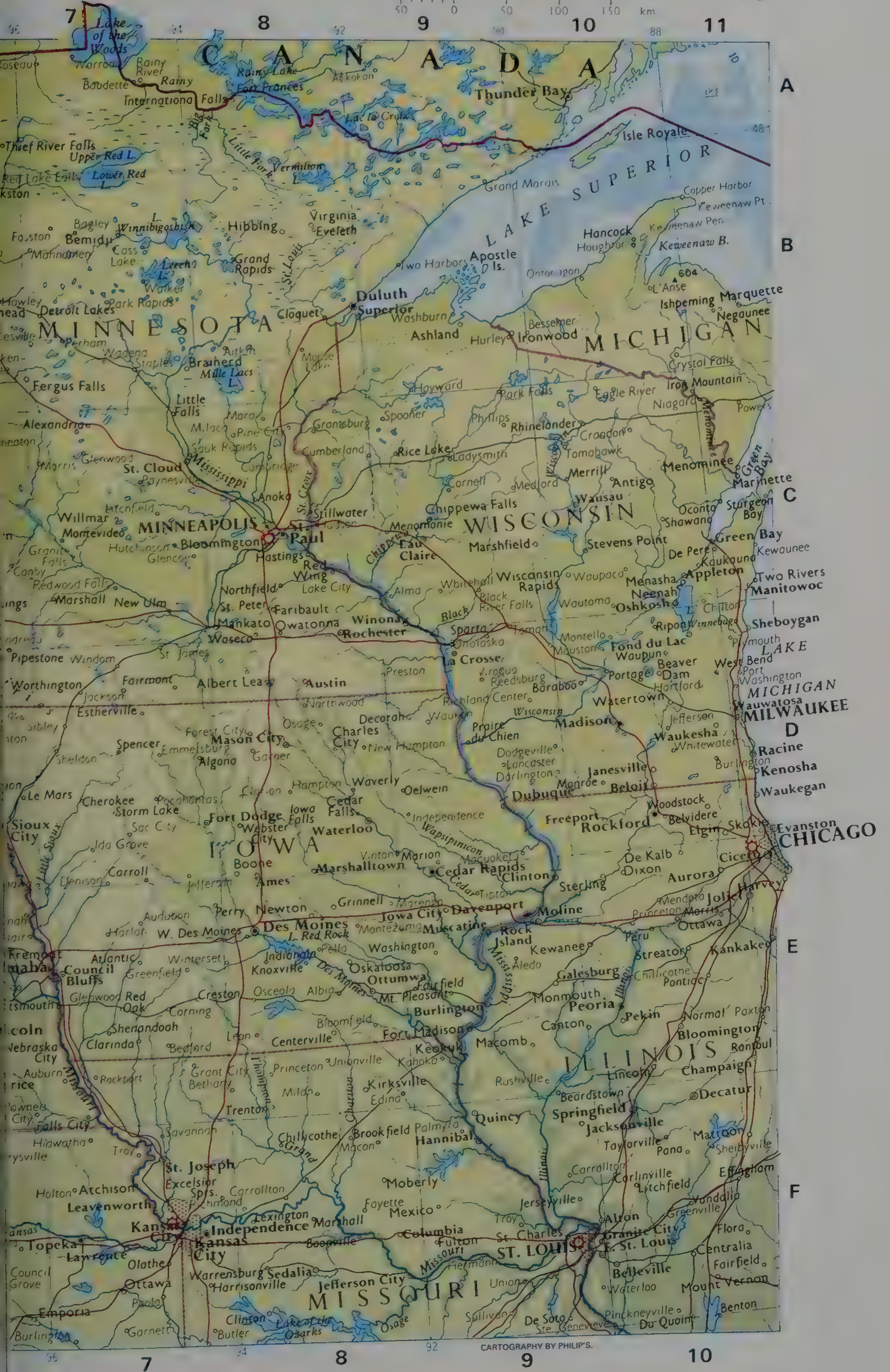
74 SOUTH-EAST USA



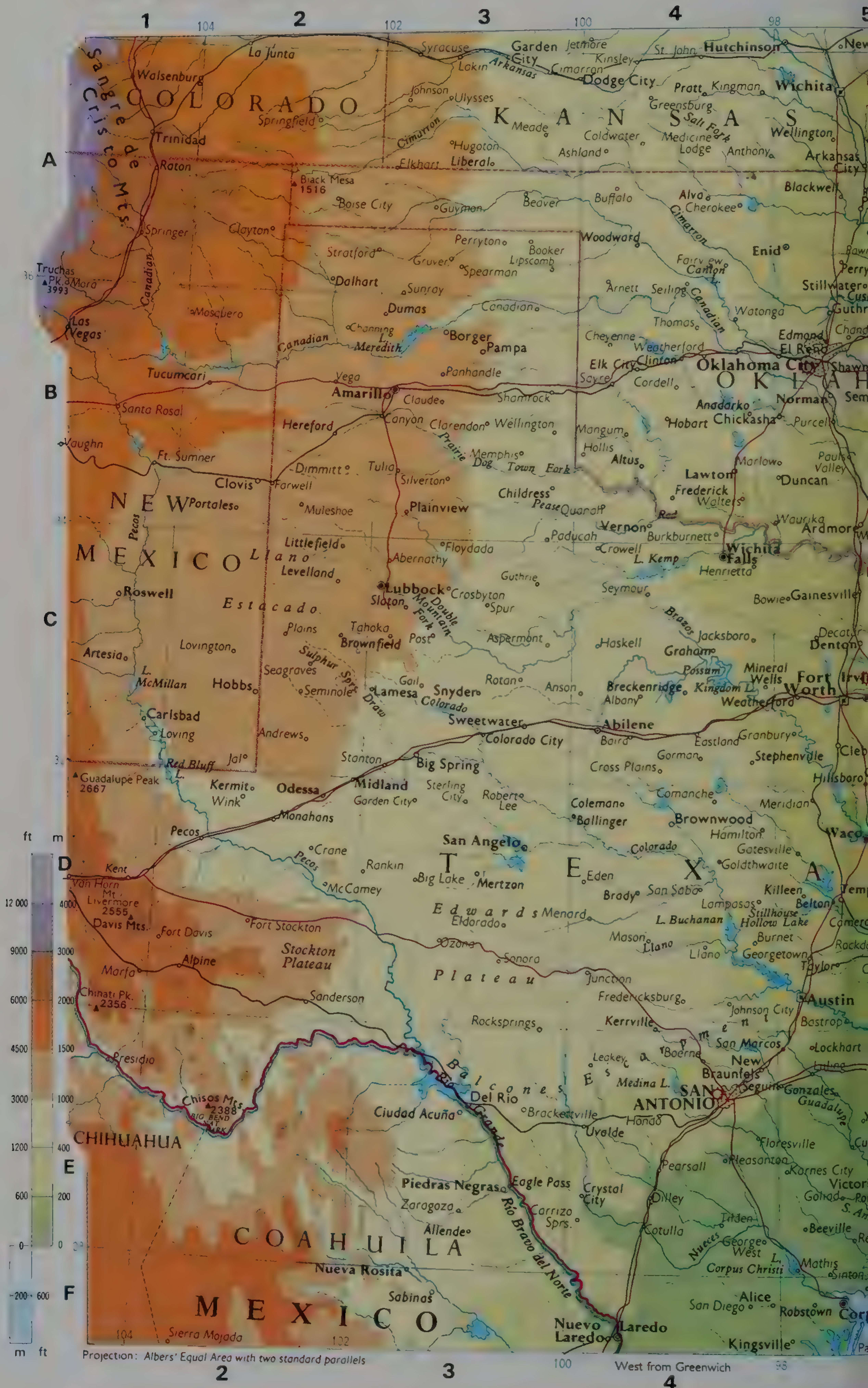


76 NORTH-CENTRAL USA



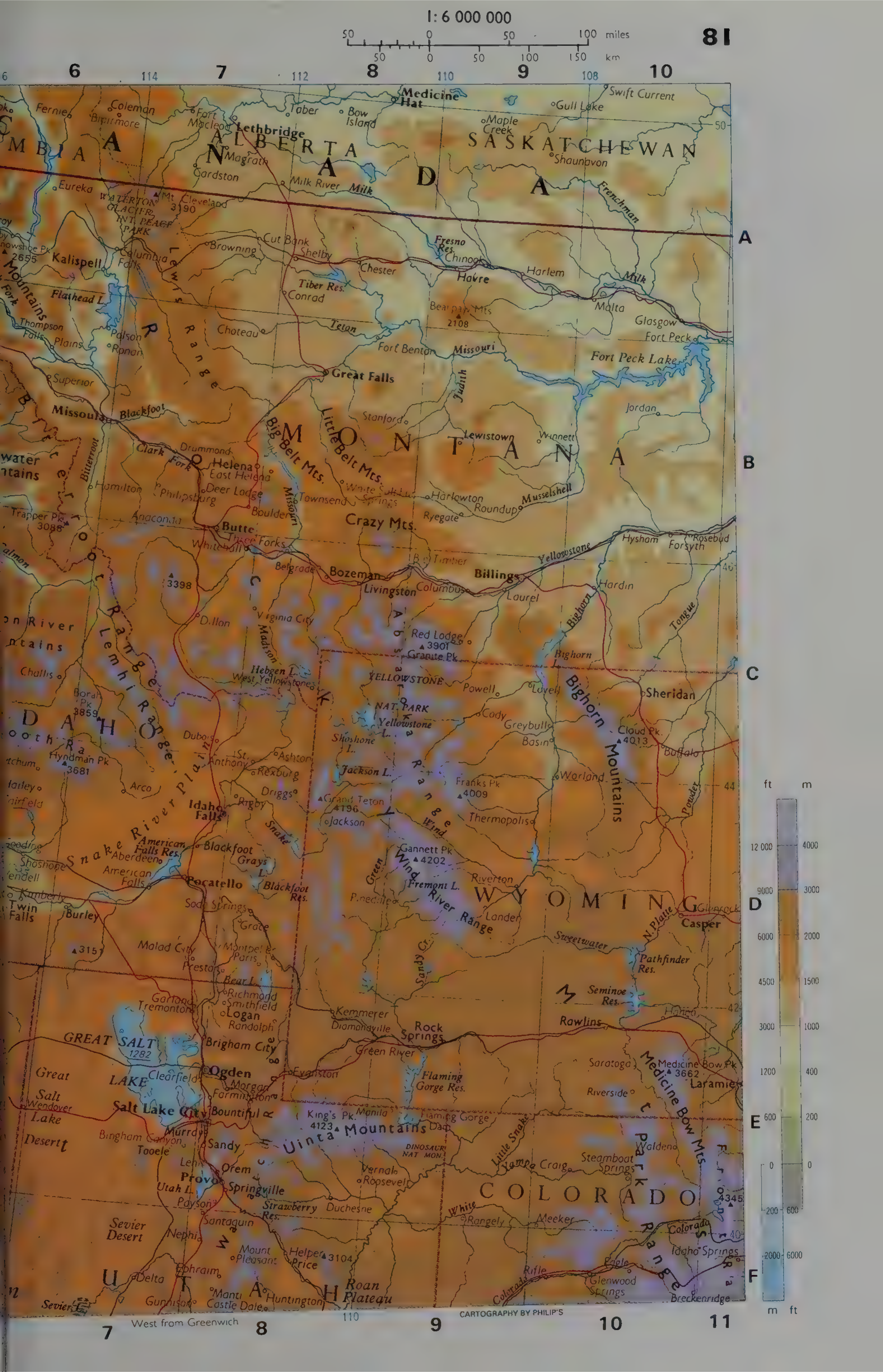


78 SOUTHERN USA



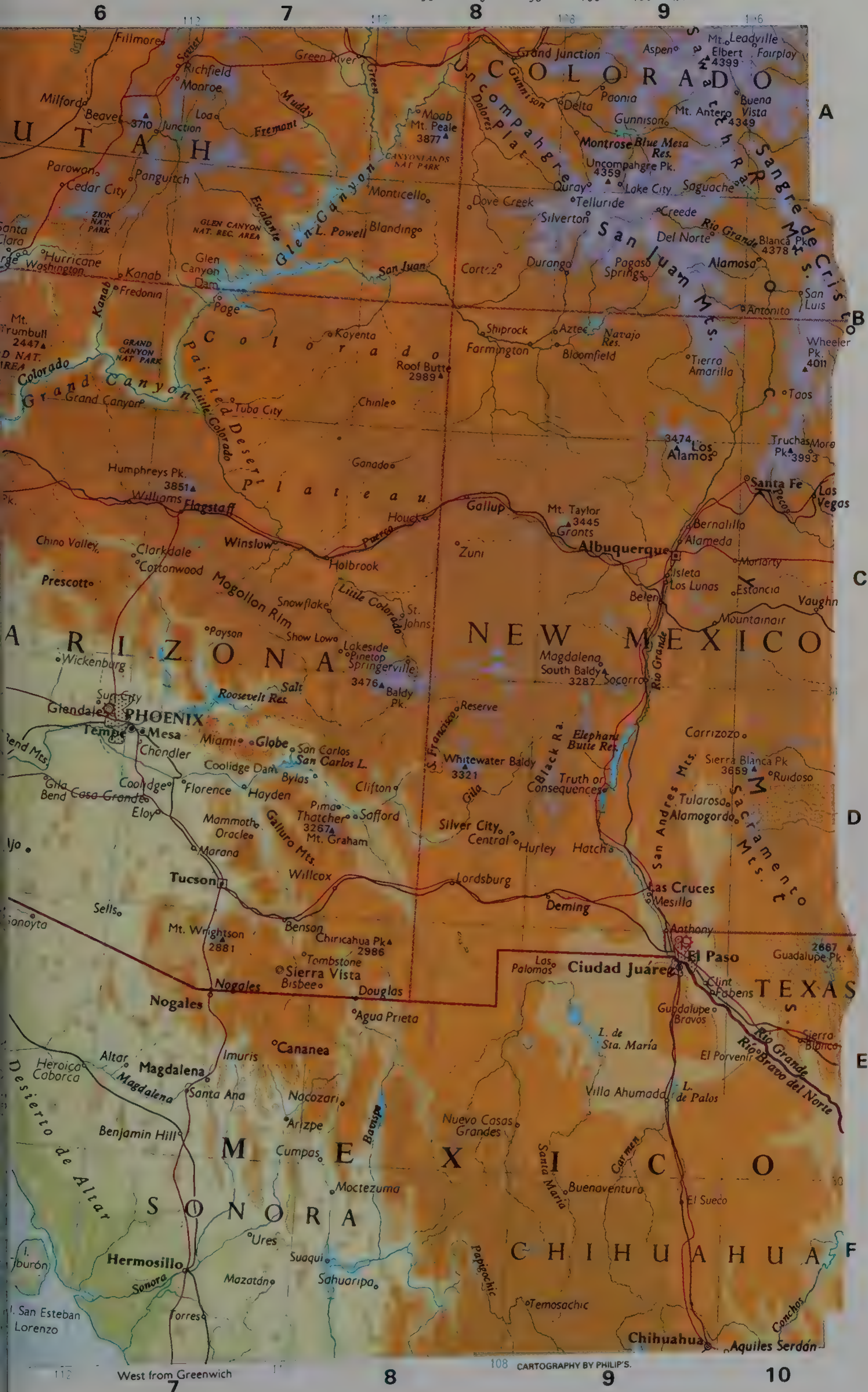


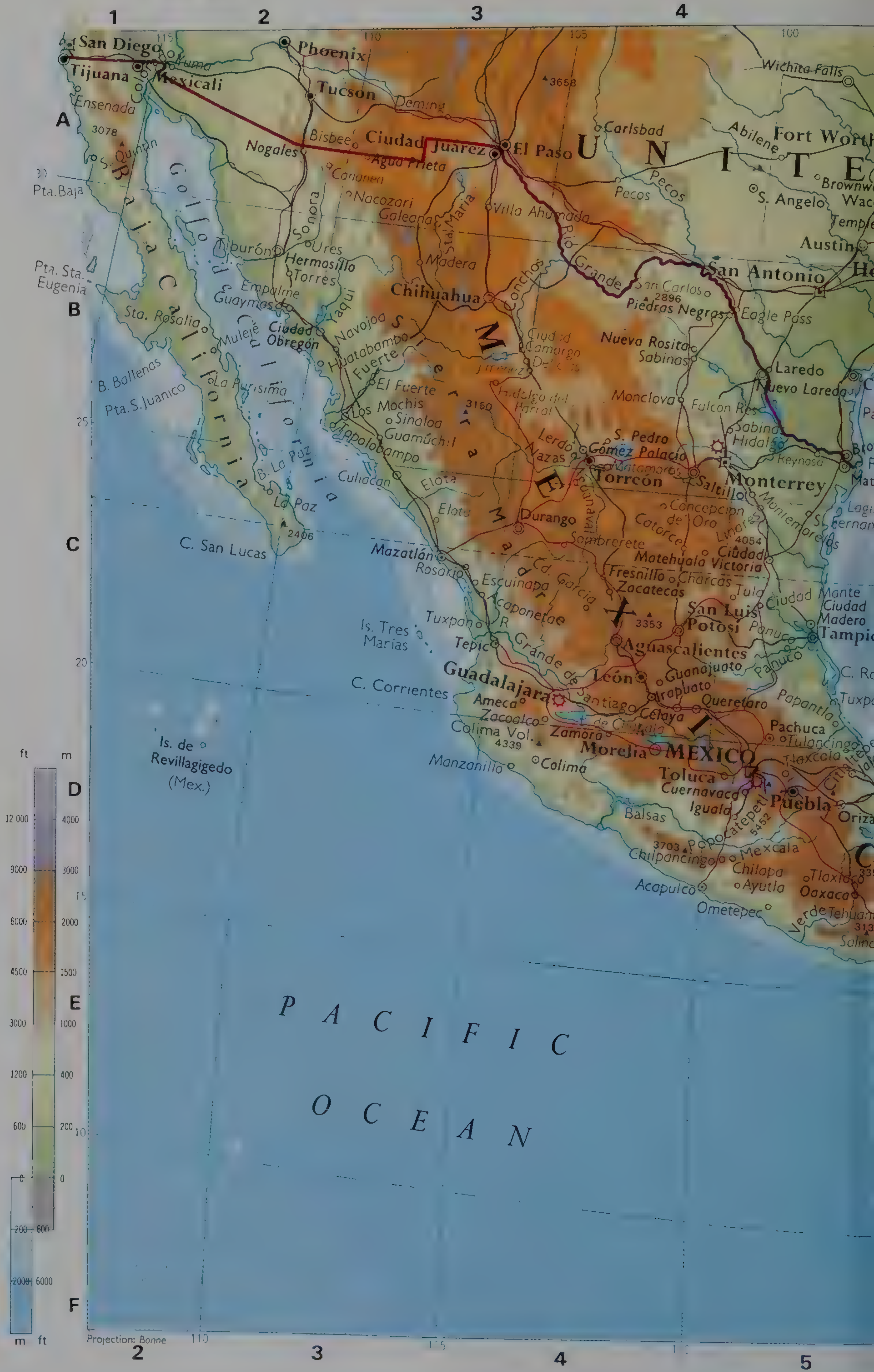


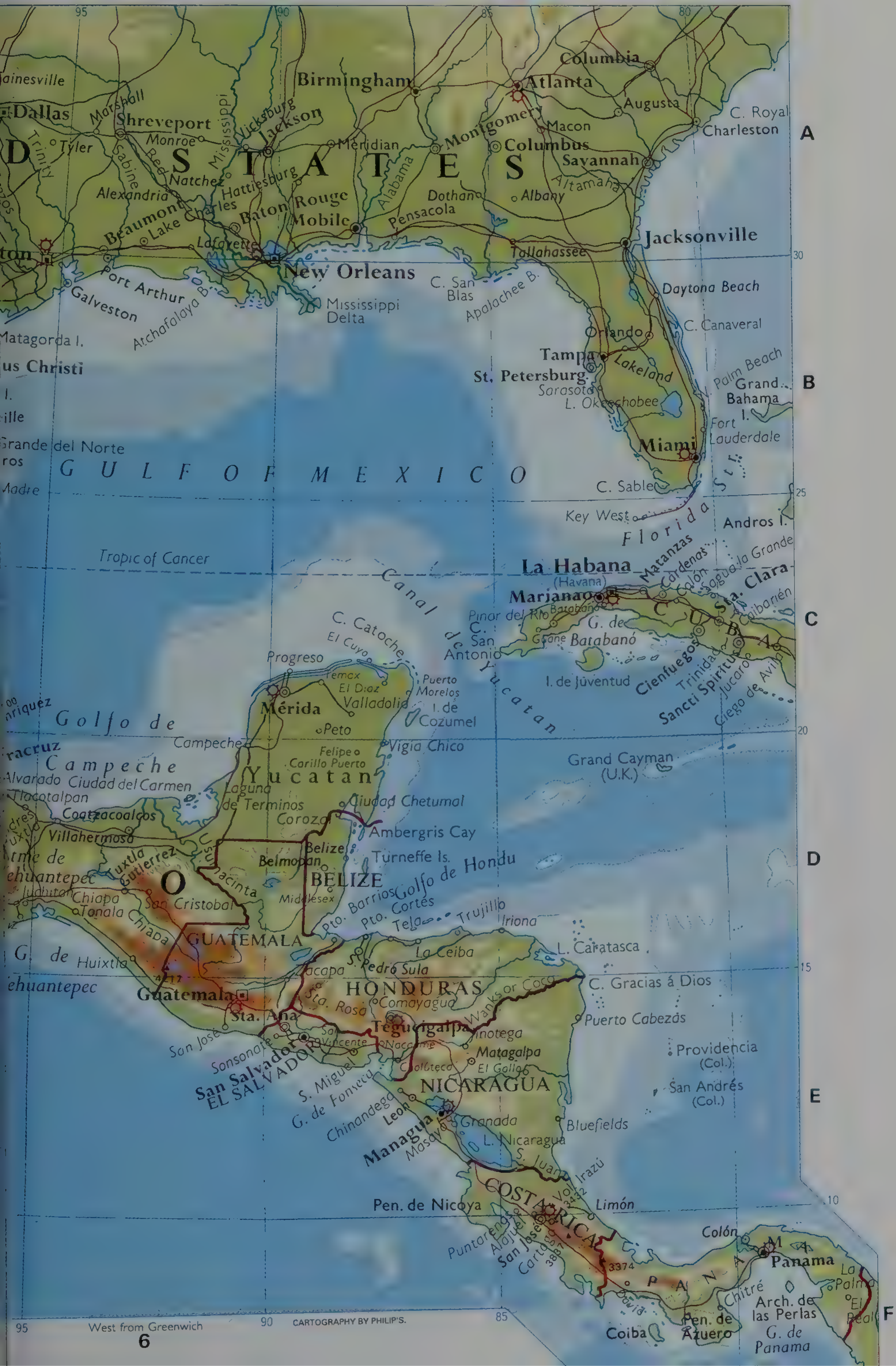


82 SOUTH-WEST USA

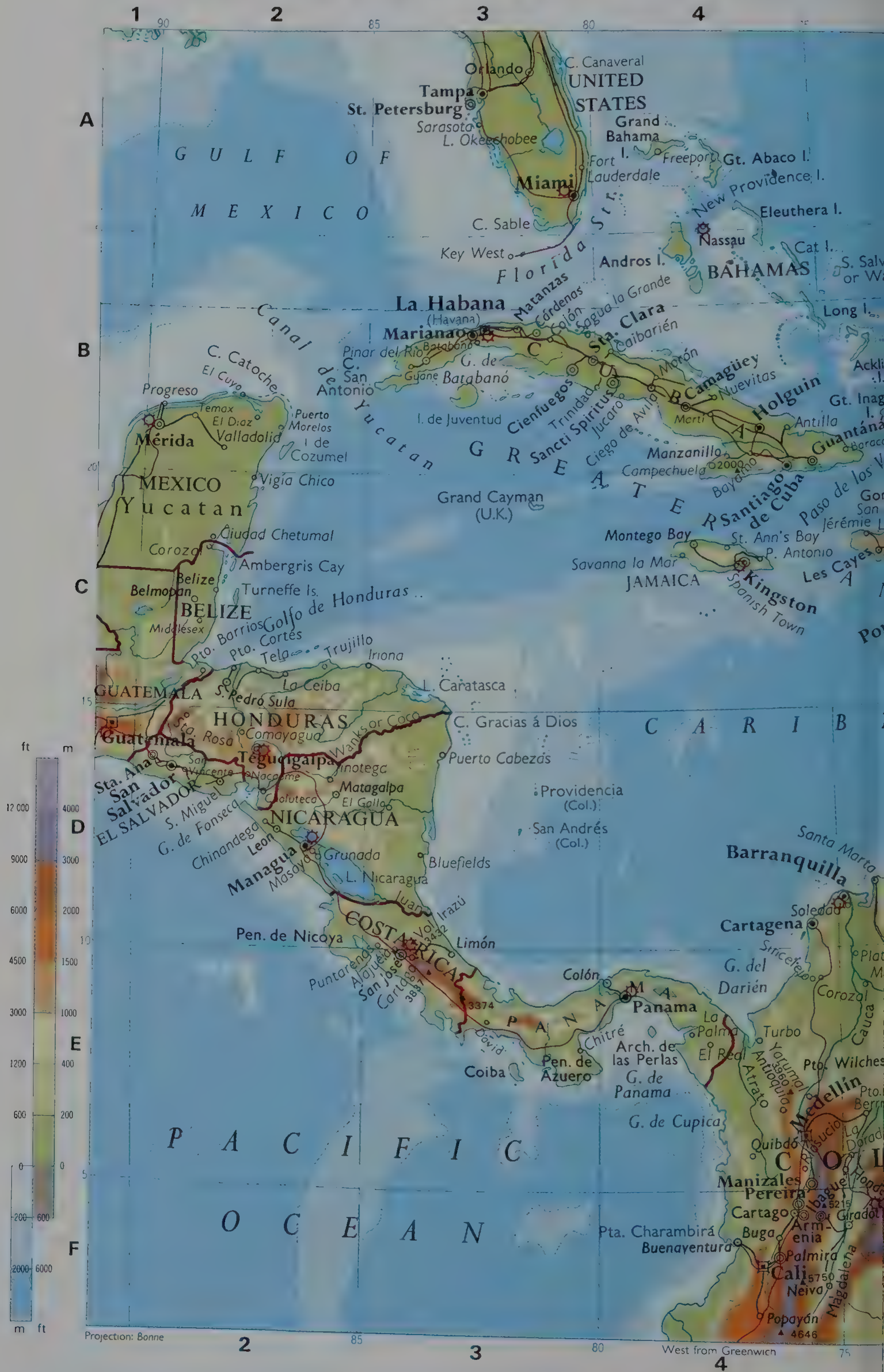


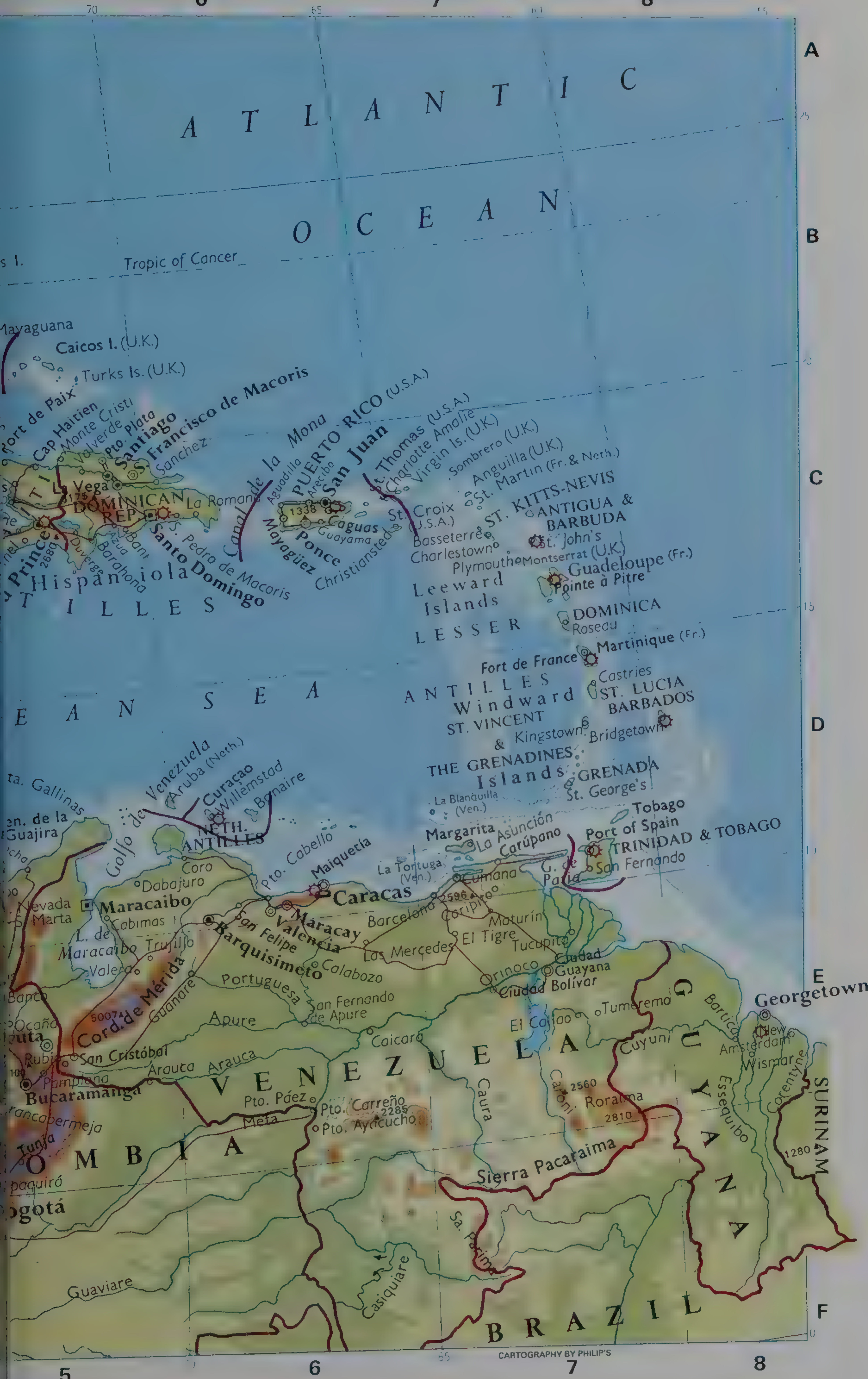






86 CARIBBEAN AND CENTRAL AMERICA









■ LIMA Capital Cities 2

90 SOUTH AMERICA- NORTH-WEST

1 2 3 4 5 6 7





Projection: Sanson-Flamsteed's Sinusoidal

West from Greenwich

100

70

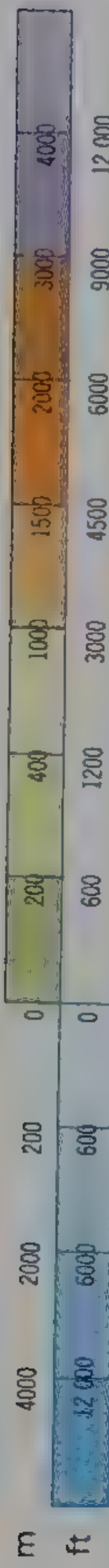
LC

BY F

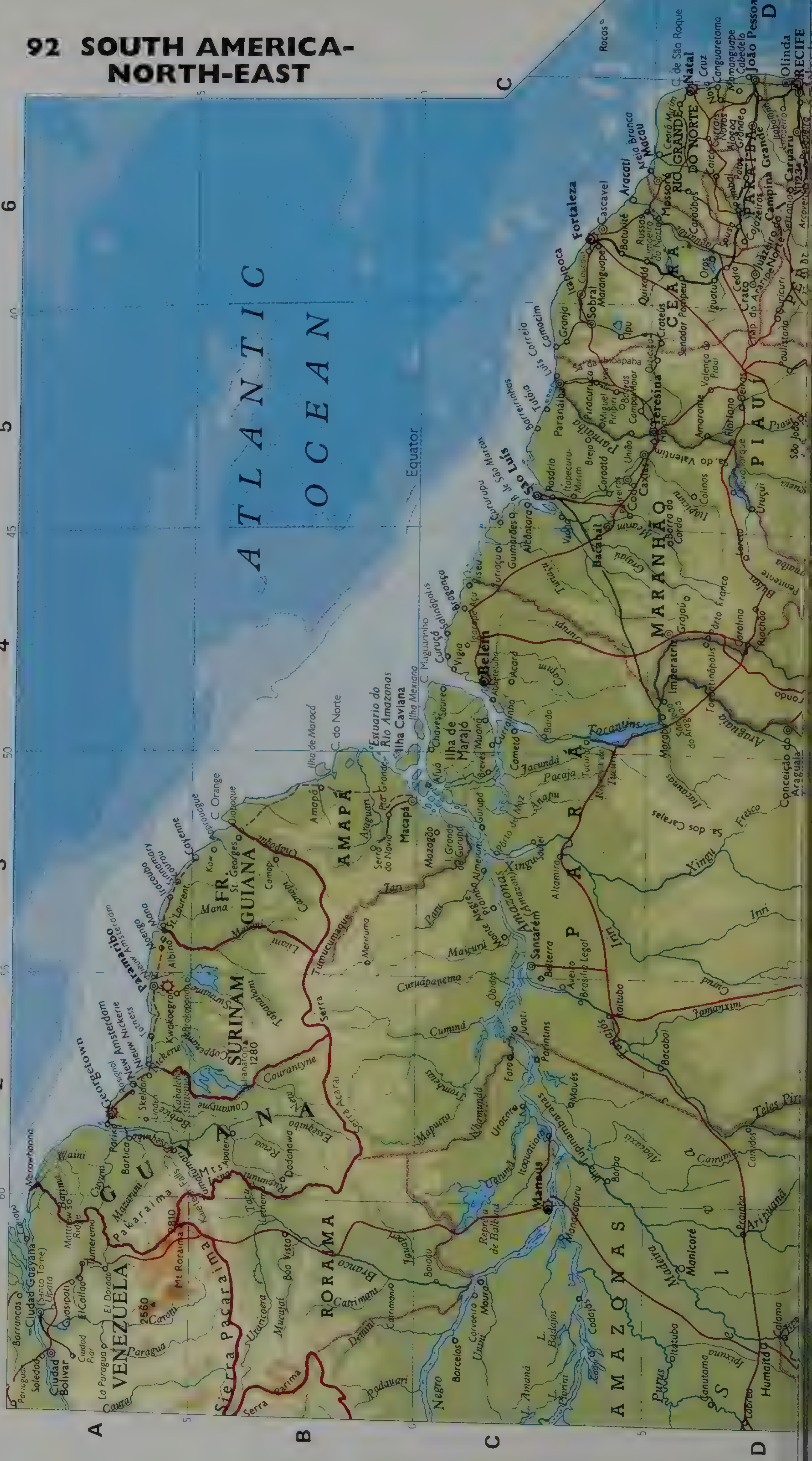
S.S.

2

92 SOUTH AMERICA-
NORTH-EAST

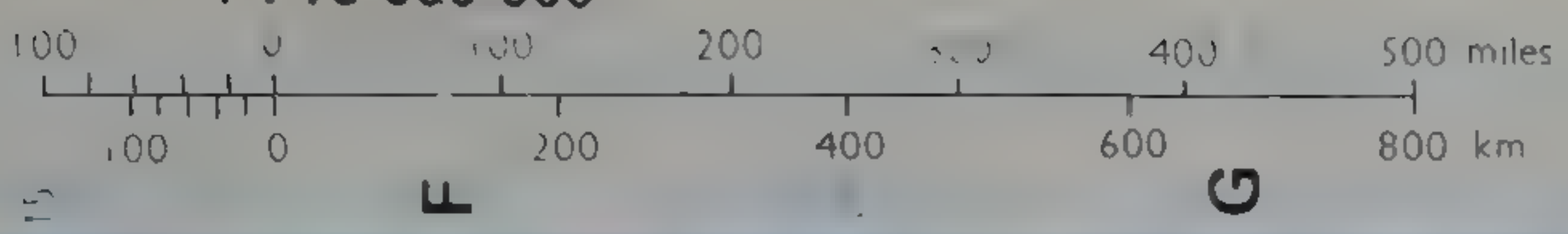


1 2 3 4 5 6





1 : 16 000 000



93

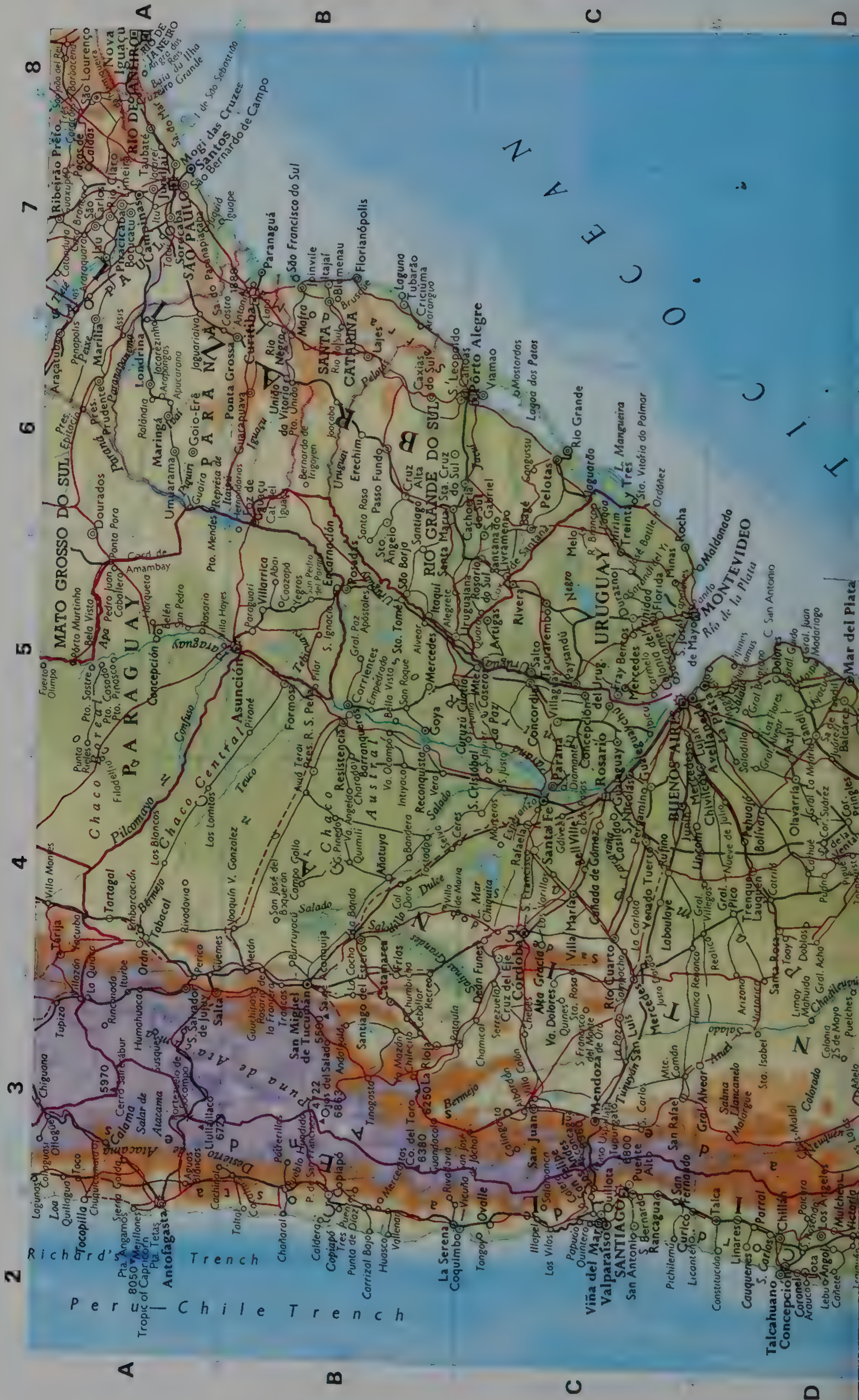
E F G H

CARTOGRAPHY BY PHILIPS.

West from Greenwich

Projection: Sanson-Flamsteed's Sinusoidal

Projection: Sanson-Flamsteed's Sinusoidal



96 ANTARCTICA

1: 35 000 000

200 0 200 400 600 800 miles
400 0 400 800 1200 km

CARTOGRAPHY BY PHILIPS.

Project on Zenithal Equidistant



- Ice cap
- Permanent ice shelf
- Maximum extent of sea ice
- March (Summer) extent of sea ice
- Surface elevation and depth of ice (in metres)
- Permanent bases

3488
3700
Stanley
(UK)

Index to Map Pages

The index contains the names of all principal places and features shown on the maps. Physical features composed of a proper name (Erie) and a description (Lake) are positioned alphabetically by the proper name. The description is positioned after the proper name and is usually abbreviated:

Erie, L. 72 C5


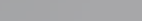
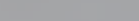
Where a description forms part of a settlement or administrative name however, it is always written in full and put in its true alphabetical position:

Lake Charles 79 D7

Names beginning St. are alphabetized under Saint, but Sankt, Sint, Sant, Santa and San are all spelt in full and are alphabetized accordingly.

The number in bold type which follows each name in the index refers to the number of the map page where that feature or place will be found. This is usually the largest scale at which the place or feature appears.

The letter and figure which are in bold type immediately after the page number give the grid square on the map page, within which the feature is situated.

Rivers carry the symbol  after their names. A solid square  follows the name of a country while an open square  refers to a first order administrative area.

A

A							
A Coruña = La				Aberdeen,		Abut Hd.	65 E4
Coruña	18	A1		Wash., U.S.A. 80	B2	Abwong	53 G5
Aachen	14	C4		Aberystwyth ..	11 E4	Acaponeta	84 C3
Aalborg =				Abidjan	55 G4	Acapulco	84 D5
Ålborg	9	G9		Abilene	78 C4	Acarigua	90 B5
Aalen	14	D6		Abitibi L.	69 D3	Accra	55 G4
Aarau	13	C8		Abkhaz		Aceh □	36 D1
Aare →	13	C8		Republic □ =		Achalpur	43 J10
Aarhus = Århus	9	G10		Abkhazia □ .	25 E5	Achill I.	11 E1
Aba	55	G6		Abkhazia □ ...	25 E5	Achinsk	30 D7
Ābādān	47	E7		Abminga	62 A1	Acireale	21 F5
Ābādeh	44	D3		Åbo = Turku ..	9 F12	Acklins I.	86 B5
Abadla	54	B4		Abohar	42 D9	Aconcagua,	
Abaetetuba ...	92	C4		Aboméy	55 G5	Cerro	94 C3
Abakan	30	D7		Abong-Mbang .	56 D2	Aconquija, Mt.	94 B3
Abancay	91	F4		Abou-Deïa	53 F2	Açores, ls. dos	
Abarqū	44	D3		Abri	52 D5	= Azores ...	50 C1
Abashiri	32	F12		Abrolhos, Banka	93 F6	Acraman, L. ...	62 B2
Abay	29	E8		Abrud	17 E6	Acre = 'Akko ..	46 D3
Abaya, L.	53	G6		Absaroka Range	81 C9	Acre □	91 E4
Abbay = Nîl el				Abū al Khaṣīb .	47 E6	Acre →	91 E5
Azraq → ...	53	E5		Abū 'Alī	47 F7	Ad Dahnā	47 F7
Abbeville	12	A4		Abu 'Arīsh	49 D3	Ad Dammām ..	47 F7
Abbieglassie ..	63	A4		Abu Dhabi =		Ad Dawhah ...	44 E2
Abbot Ice Shelf	96	B2		Abū Ḥabīb ...	44 E3	Ad Dilam	47 G6
Abbottabad ...	42	B8		Abū Dis	53 E5	Ad Dīwānīyah .	47 E6
Abd al Kūrī ...	49	E5		Abu Hamed ...	53 E5	Ada	79 B5
Abéché	53	F3		Abū Kamāl	46 D5	Adaja →	18 B3
Abeokuta	55	G5		Abū Madd, Ra's	47 F4	Adam	44 F4
Abercorn =				Abu Matariq ..	53 F4	Adamaoua,	
Mbala	57	F6		Abu Rudeis ...	47 E3	Massif de l' .	53 G1
Abercorn	63	A5		Abu Tig	52 C5	Adamawa	
Aberdeen,				Abū Zabad	53 F4	Highlands =	
Australia	63	B5		Abū Ḥabīb ...	44 E3	Adamaoua,	
Aberdeen, U.K.	10	C5		Abuja	55 G6	Massif de l' .	53 G1
Aberdeen,				Abukuma-		Adamello, Mte.	20 A3
S. Dak., U.S.A.	76	C5		Gawa → ...	33 G12	Adaminaaby ...	63 C4
				Abunā	91 E5	Adam's Bridge	43 Q11
				Abunā →	91 E5	Adams Mt.	80 B3

Adwa

Adwa	53	F6	Ajdâbiyah	52	B3	Al Jalâmîd	47	E4	Alba-Iulia	17	E6
Adzhar			Ajka	16	E3	Al Jawf, <i>Libya</i>	52	D3	Albacete	19	C5
Republic □ =			'Ajman	44	E3	Al Jawf,			Albacutya, L.	62	C3
Ajaria □	25	E5	Ajmer	42	F9	<i>Si. Arabia</i>	47	E4	Albania ■	23	D3
Aegean Sea	23	E5	Ajo, C. de	18	A4	Al Jazirah, <i>Iraq</i>	46	D5	Albany,		
Aerhtai Shan	34	B4	Akaroa	65	E5	Al Jazirah, <i>Libya</i>	52	C3	<i>Australia</i>	60	H2
Afghanistan ■	45	C6	Akashi	32	B4	Al Jubayl	47	F7	Albany, <i>Ga.</i> ,		
Afgoi	49	G3	Akelamo	39	D3	Al Jubaylah	47	F6	<i>U.S.A.</i>	75	D5
'Afif	47	G5	Aketi	56	D4	Al Junaynah	53	F3	Albany, <i>N.Y.</i> ,		
Afognak I.	71	C4	Akharnai	23	E4	Al Khâbûra	44	F4	<i>U.S.A.</i>	73	C9
Afuá	92	C3	Akhelóös →	23	E3	Al Khalîl	47	E3	Albany, <i>Oreg.</i> ,		
Afyonkarahisar	46	C2	Akhisar	23	E6	Al Kharfah	47	G6	<i>U.S.A.</i>	80	C2
Agadès =			Akhmîm	52	C5	Al Kharj	47	F6	Albany →	69	C2
Agadez	55	E6	Akimiski I.	69	C2	Al Khasab	44	E4	Albardón	94	C3
Agadez	55	E6	Akita	33	G12	Al Kufrah	52	D3	Albemarle	75	B7
Agadir	54	B3	Akjoujt	55	E2	Al Kût	47	D6	Alberche →	18	C3
Agapa	30	B6	'Akko	46	D3	Al Kuwayt	47	E7	Albert, L.	62	C2
Agartala	41	F8	Akkol	29	E8	Al Lâdhiqiyah	46	D3	Albert L.	57	D6
Agats	39	F5	Aklavik	70	B6	Al Luḥayyah	49	D3	Albert Nile →	57	D6
Agboville	55	G4	Akmoînsk =			Al Madînah	47	F4	Albertville	13	D7
Agde	13	E5	Astana	29	D8	Al Majma'ah	47	F6	Albi	12	E5
Agen	12	D4	Akobo →	53	G5	Al Manâmah	44	E2	Albina	92	A3
Agra	42	F10	Akola	43	J10	Al Marj	52	B3	Alborán	18	E4
Agri →	21	D6	Akordat	53	E6	Al Mawşîl	46	C5	Ålborg	9	G9
Ağrı Dağı	46	C6	Akpatok I.	68	B4	Al Midhnab	47	F6	Alborz, Reshteh-		
Ağrı Karaköse	46	C5	Akreijit	55	E3	Al Mish'âb	47	E7	ye Kūhhâ-ye	44	B3
Agrigento	21	F4	Akron	72	D5	Al Mubarrâz	47	F7	Albuquerque	83	C9
Agrinion	23	E3	Aksai Chin	42	B11	Al Muḥarraḡ	44	E2	Albury	63	C4
Água Clara	93	G3	Aksaray	46	C3	Al Mukallâ	49	E4	Alcalá de		
Agua Prieta	84	A3	Aksarka	28	C7	Al Mukhâ	49	E3	Henares	18	B4
Aguadas	90	B3	Akşehir	46	C2	Al Musayyib	47	D6	Alcalá la Real	18	D4
Aguadilla	87	C6	Aksu	34	B3	Al Muwayliḡ	47	F3	Alcarno	21	F4
Aguarico →	90	D3	Aksum	53	F6	Al Qaḡimâh	47	G4	Alcaníz	19	B5
Aguas Blancas	94	A3	Aktogay	29	E8	Al Qâ'iyah	47	F5	Alcântara	92	C5
Aguascalientes	84	C4	Aktsyabrski	17	B9	Al Qâmishli	46	C5	Alcântara,		
Aguilas	19	D5	Aktyubinsk =			Al Qaşabât	52	B1	Embalse de	18	C2
Agulhas, C.	58	E4	Aqtöbe	29	D6	Al Qaşîm	47	F5	Alcantarilla	19	D5
Agung	37	F5	Aku	55	G6	Al Qaṡîf	47	F7	Alcaraz, Sierra		
Agusan →	38	C3	Akure	55	G6	Al Qaṡrûn	52	D2	de	19	C4
Ahaggar	54	D6	Akyab = Sittwe	41	G9	Al Qayşûmah	47	E6	Alcaudete	18	D3
Ahar	46	C6	Al 'Adan	49	E4	Al Quaisûmah	47	E6	Alcázar de San		
Ahipara B.	64	A5	Al Aḡsâ	47	F7	Al Quds =			Juan	18	C4
Ahiri	43	K12	Al Amâdiyyah	46	C5	Jerusalem	47	E3	Alchevsk	25	D4
Ahmadabad	43	H8	Al Amârah	47	E6	Al Qurayyât	45	F4	Alcira	19	C5
Ahmadnagar	43	K9	Al 'Aqabah	47	E3	Al Qurnah	47	E6	Alcoy	19	C5
Ahmadpur	42	E7	Al 'Aramah	47	F6	Al 'Ulâ	47	F4	Aldabra Is.	51	G8
Ahmedabad =			Al Ashkhara	45	F4	Al Uqaylah ash			Aldan →	31	C10
Ahmadabad	43	H8	Al Badî'	47	G6	Sharqîḡah	52	B2	Alderney	11	G5
Ahmednagar =			Al Başrah	47	E6	Al Uqayr	47	F7	Aleg	55	E2
Ahmadnagar	43	K9	Al Bayḡâ	52	B3	Al 'Uthmânîyah	47	F7	Alegrete	94	B5
Ahvâz	47	E7	Al Bu'ayrât al			Al 'Uwaynid	47	F6	Aleisk	29	D9
Ahvenanmaa =			Hasûn	52	B2	Al 'Uwayqîlah	47	E5	Aleksandriya =		
Åland	9	F11	Al Fallûjah	46	D5	Al 'Uyûn	47	F5	Oleksandriya	17	C8
Aḡwar	49	E4	Al Fâw	47	E7	Al Wakrah	44	E2	Aleksandrovskeye		
Aigues-Mortes	13	E6	Al Fujayrah	44	E4	Al Warî'âh	47	F6	.....	29	C8
Aihui	35	A7	Al Hâbah	47	F6	Al Yamâmah	47	F6	Alemania	94	B3
Aija	91	E3	Al Haddâr	47	G6	Alabama □	74	C4	Alençon	12	B4
Aiken	75	C7	Al Hâmad	47	E4	Alabama →	74	D4	Aleppo = Ḥalab	46	C4
Aimere	39	F2	Al Ḥamar	47	G6	Alaçam Dağları	23	E7	Alès	13	D6
Aimorés	93	F5	Al Ḥamrâ'	47	F4	Alagoa Grande	92	D6	Alessândria	20	B2
Ain Banaiyan	44	F2	Al Ḥarîḡ	47	G6	Alagoas □	93	D6	Ålesund	8	F9
Ain Beïda	54	A6	Al Ḥasakah	46	C5	Alagoinhas	93	E6	Aleutian Is.	71	C2
Ain Ben Tili	54	C3	Al Ḥawrah	49	E4	Alajuela	86	D3	Alexander Arch.	71	C6
Ain-Sefra	54	B4	Al Ḥayy	47	D6	Alamosa	83	B10	Alexander I.	96	A3
Ainabo	49	F4	Al Ḥijâz	47	F4	Åland	9	F11	Alexandra,		
Aïr	55	E6	Al Ḥillah, <i>Iraq</i>	47	D6	Alania = North			<i>Australia</i>	63	C4
Aisne →	13	B5	Al Ḥillah,			Ossetia □	25	E5	Alexandra, <i>N.Z.</i>	65	F3
Aiud	17	E6	<i>Si. Arabia</i>	47	G6	Alanya	46	C2	Alexandria = El		
Aix-en-Provence	13	E6	Al Hindîyah	47	D6	Alapayevsk	29	D7	Iskandarîya	52	B4
Aix-la-Chapelle			Al Hoceïma	54	A4	Alaşehir	23	E7	Alexandria,		
= Aachen	14	C4	Al Hudaydah	49	E3	Alaska □	71	B4	<i>Canada</i>	71	C7
Aix-les-Bains	13	D6	Al Hufûf	47	F7	Alaska, G. of	71	C5	Alexandria,		
Aiyion	23	E4	Al Ḥulwah	47	G6	Alaska Peninsula	71	C4	<i>Romania</i>	22	C5
Aizawl	41	F9	Al Ittihad =			Alaska Range	71	B4	Alexandria,		
Ajaccio	13	F8	Madînat ash			Alataw Shankou	34	B3	<i>S. Africa</i>	59	E5
Ajanta Ra.	43	J9	Sha'b	49	E3	Alatyr	24	C6	Alexandria, <i>La.</i> ,		
Ajari Rep. =			Al Jâfûrah	47	F7	Alausi	90	D3	<i>U.S.A.</i>	79	D7
Ajaria □	25	E5	Al Jaghbûb	52	C3	Alawoona	62	B3	Alexandria, <i>Va.</i> ,		
Ajaria □	25	E5	Al Jahrah	47	E6	Alba	20	B2	<i>U.S.A.</i>	73	E7

Alexandrina, L.	62	C2	Alvear	94	B5	Amsterdam	14	B3	Aného	55	G5
Alexandroúpolis	22	D5	Alvie	52	C3	Amstetten	15	D8	Aneto, Pico de	19	A6
Alga	29	E6	Alwar	42	F10	Amudarya →	29	E6	Angamos, Punta	94	A2
Algarve	18	D1	Alxa Zuoqi	35	C5	Amundsen Gulf	70	A7	Ang'angxi	35	B7
Algeciras	18	D3	Am Dam	53	F3	Amundsen Sea	96	B1	Angara →	30	D7
Algemesí	19	C5	Am-Timan	53	F3	Amuntai	37	E5	Angarsk	30	D8
Alger	54	A5	Amâdi, Sudan	53	G5	Amur →	31	D12	Angaston	62	B2
Algeria ■	54	C5	Amadi,			Amurang	39	D2	Ånge	8	F11
Alghero	21	D2	Dem. Rep. of the Congo	57	D5	Amuri Pass	65	E5	Angeles	38	A2
Algiers = Alger	54	A5				Amyderya =			Angellala	63	A4
Algoa B.	59	E5	Amadjuak	68	B3	Amudarya →	29	E6	Ångermanälven →	8	F11
Alhucemas = Al			Amadjuak L.	68	B3	An Nafūd	47	E5			
Hoceïma	54	A4	Amagasaki	32	B4	An Najaf	47	D6	Angers	12	C3
'Alī al Gharbī	47	D6	Amakusa-Shotō	32	C2	An Nhon	36	B3	Anglesey	11	E4
'Alī Khēl	42	C6	Amaliás	23	F3	An Nu'ayriyah	47	F7	Ango	57	D5
Aliğa	23	E6	Amalner	43	J9	Anabar →	30	B9	Angola ■	58	A3
Alibo	53	G6	Amambay,			Anaconda	81	B7	Angoulême	12	D4
Alicante	19	C5	Cordillera de	94	A5	Anadolu	46	C2	Angoumois	12	D4
Alice Springs	60	E5	Amangeldy	29	D7	'Ānah	46	D5	Angra dos Reis	94	A8
Aligarh	42	F11	Amapá	92	B3	Anaheim	82	D4	Angren	29	E8
Alīgūdarz	46	D7	Amapá □	92	B3	Anakapalle	40	J4	Anguilla ■	87	C7
Alipur	42	E7	Amarante	92	D5	Analalava	59	G9	Anhui □	35	C6
Alipur Duar	41	D7	Amargosa	93	E6	Anambas,			Anhui □ =		
Aliwal North	59	E5	Amarillo	78	B3	Kepulauan	37	D3	Anhui □	35	C6
Aljustrel	18	D1	Amaro, Mte.	20	C5	Anambas ls. =			Anjidiv I.	43	M9
Alkmaar	14	B3	Amasra	46	B3	Anambas,			Anjou	12	C3
All American			Amasya	46	B3	Kepulauan	37	D3	Anjozorobe	59	H9
Canal	82	D5	Amazon =			Anamur	46	C3	Anju	35	C7
Allahabad	40	E3	Amazonas →	92	C3	Anan	32	C4	Anka	55	F6
Allanmyo	41	H10	Amazonas □	90	D6	Anantnag	42	C9	Ankang	35	C5
Allegheny →	73	D5	Amazonas →	92	C3	Ananyiv	17	E9	Ankara	46	C3
Allegheny			Ambala	42	D10	Anápolis	93	F4	Ankazoabo	59	J8
Plateau	73	F5	Ambalavao	59	J9	Anār	44	D3	Ankazobe	59	H9
Allentown	73	D8	Ambam	56	D2	Anārak	44	C3	Ankoro	57	F5
Alleppey	43	Q10	Ambanja	59	G9	Anatolia =			Ann Arbor	72	C4
Aller →	14	B5	Ambartsevo	29	D9	Anadolu	46	C2	Annaba	54	A6
Allier →	13	C5	Ambato	90	D3	Añatuya	94	B4	Annan	11	D5
Allora	63	A5	Ambatolampy	59	H9	Anaye	53	E1	Annapolis	73	E7
Alma Ata =			Ambatondrazaka	59	H9	Anchorage	71	B5	Annecy	13	D7
Almaty	29	E8	Amberg	15	D6	Ancohuma,			Anning	34	D5
Almada	18	C1	Ambergris Cay	85	D7	Nevada	91	G5	Anniston	74	C5
Almadén	18	C3	Amberley	65	E5	Ancón	91	F3	Annobón	51	G4
Almansa	19	C5	Ambikapur	40	F4	Ancona	20	C4	Annuello	62	B3
Almanzor, Pico			Ambilobé	59	G9	Ancud	95	E2	Anqing	35	C6
del Moro	18	B3	Ambo	91	F3	Ancud, G. de	95	E2	Ansbach	14	D6
Almanzora →	19	D5	Amboise	12	C4	Andalgalá	94	B3	Anshan	35	B7
Almaty	29	E8	Ambon	39	E3	Andalucía □	18	D3	Anshun	35	D5
Almazán	19	B4	Ambositra	59	J9	Andalusia	74	D4	Ansirabe	59	H9
Almeirim	92	C3	Amboyna I.	36	C4	Andalusia □ =			Ansongo	55	E5
Almelo	14	B4	Ambriz	56	F2	Andalucía □	18	D3	Ansudu	39	E5
Almendralejo	18	C2	Amby	63	A4	Andaman Is.	27	H13	Antabamba	91	F4
Almería	19	D4	Amchitka I.	71	C1	Andaman Sea	36	B1	Antakya	46	C4
Almora	42	E11	Amderma	28	C7	Andara	58	B4	Antalaha	59	G10
Alnwick	10	D6	Ameca	84	C4	Anderson	72	D3	Antalya	46	C2
Alon	41	F10	Ameland	14	B3	Anderson →	70	B7	Antalya Körfezi	46	C2
Alor	39	F2	American			Andes = Andes,			Antananarivo	59	H9
Alor Setar	36	C2	Highland	96	B10	Cord. de los	91	G4	Antarctic Pen.	96	A4
Alps	14	E5	American			Andes, Cord. de			Antarctica	96	C
Alsace	13	B7	Samoa ■	65	L13	los	91	G4	Antequera	18	D3
Alsask	71	C9	Americus	75	C5	Andhra			Anti Atlas	54	C3
Alsásua	19	A4	Amery	71	C10	Pradesh □	43	L11	Antibes	13	E7
Alta Gracia	94	C4	Amery Ice Shelf	96	A10	Andijon	29	E8	Anticosti, I. d'	69	D4
Altagracia	90	A4	Ames	77	D8	Andikithira	23	G4	Antigua &		
Altai = Aerhtai			Amherst, Burma	41	J11	Andizhan =			Barbuda ■	87	C7
Shan	34	B4	Amherst,			Andijon	29	E8	Antilla	86	B4
Altamira	92	C3	Canada	69	D4	Andkhvoy	45	B6	Antioquia	90	B3
Altamura	21	D6	Amiata, Mte.	20	C3	Andoany	59	G9	Antofagasta	94	A2
Altanbulag	35	A5	Amiens	12	B5	Andorra ■	19	A6	Antofagasta de		
Altay	34	B3	Amirante Is.	26	K9	Andorra La Vella	19	A6	la Sierra	94	B3
Altea	19	C5	'Ammān	47	E3	Andreanof Is.	71	C2	Antongila,		
Alto Araguaia	93	F3	Amorgós	23	F5	Andrewilla	62	A2	Helodrano	59	H9
Alto Molocue	59	B7	Amoy = Xiamen	35	D6	Ándria	20	D6	Antonina	94	B7
Alton	77	F9	Ampanihy	59	J8	Andriba	59	H9	Antrim	11	D3
Alton Downs	62	A2	Ampenan	37	F5	Andropov =			Antsalova	59	H8
Altoona	73	D6	Amper →	15	D6	Rybinsk	24	B4	Antsiranana	59	G9
Altun Shan	34	C3	Amravati	43	J10	Ándros	23	F5	Antsohihy	59	G9
Alùla	49	E5	Amreli	43	J7	Andros I.	86	B4	Antwerp =		
Alusi	39	F4	Amritsar	42	D9	Andújar	18	C3	Antwerpen	14	C3
Alvarado	85	D5	Amroha	42	E11	Andulo	56	G3	Antwerpen	14	C3

Anupgarh

Anupgarh	42	E8	Aragón →	19	A5	Argentina ■	94	D3	Aruwimi →	56	D4
Anvers =			Araguacema	92	D4	Argentina Is. . . .	96	A3	Arviat	70	B10
Antwerpen	14	C3	Araguaia →	92	D4	Argentino, L. . . .	95	G2	Arxan	35	B6
Anvers I.	96	A3	Araguari	93	F4	Argeş →	22	B6	Arys	29	E7
Anxi	34	B4	Araguari →	92	B4	Arghandab → . . .	42	D4	Arzamas	24	B5
Anxious B.	62	B1	Arak	54	C5	Argo	53	E5	Arzew	54	A4
Anyang	35	C6	Arakan Coast . . .	41	H9	Argolikós			'As Saffānīyah . .	47	E7
Anzhero-			Arakan Yoma . . .	41	H10	Kólpos	23	F4	As Samāwah . . .	47	E6
Sudzhensk	29	D9	Araks = Aras,			Árgos	23	F4	As		
Ánzio	20	D4	Rūd-e →	46	B7	Argostólion	23	E3	Sulaymānīyah,		
Aomori	33	F12	Aral	29	E7	Argungu	55	F5	Iraq	46	D6
Aosta	20	B1	Aral Sea	29	E6	Århus	9	G10	As		
Aoudéras	55	E6	Aral Tengizi =			Arica, Chile	91	G4	Sulaymānīyah,		
Aoulef el Arab . .	54	C5	Aral Sea	29	E6	Arica, Colombia . .	90	D4	Si. Arabia	47	F6
Apalachicola → . .	74	E5	Aralsk = Aral . . .	29	E7	Aridh	47	F6	As Summān	47	F6
Apaporis →	90	D5	Aralskoye More			Arinos →	91	F7	As Sūq	47	G5
Aparri	38	A2	= Aral Sea	29	E6	Aripuanā	91	E6	As Suwaydā' . . .	46	D4
Apeldoorn	14	B3	Aran I.	10	D2	Aripuanā →	90	E6	As Suwayh	45	F4
Apennines =			Aran Is.	11	E2	Ariquemes	91	E6	As Şuwayrah . . .	47	D6
Appennini	20	B3	Aranda de			Arizona	94	D3	Asahigawa	32	F12
Apia	65	L13	Duero	18	B4	Arizona □	83	C7	Asansol	40	F6
Apiacás, Serra			Aranjuez	18	B4	Arjona	90	A3	Ascension I. . . .	51	G2
dos	91	E7	Aranos	58	C3	Arkalyk =			Aschaffenburg . .	14	D5
Aplao	91	G4	Araouane	55	E4	Arqalyk	29	D7	Aschersleben . . .	15	C6
Apo, Mt.	38	C3	Arapgir	46	C4	Arkansas □	79	B7	Áscoli Piceno . . .	20	C4
Apollonia =			Arapiraca	93	D6	Arkansas →	79	C8	Ascope	91	E3
Marsá Susah	52	B3	Arapongas	94	A6	Arkansas City . . .	78	A5	Aseb	49	E3
Apolo	91	F5	Araranguá	94	B7	Arkhangelsk	28	C5	Asela	53	G6
Apoteri	90	C7	Araraquara	93	G4	Arklow	11	E3	Asenovgrad	22	C5
Appalachian			Ararat	62	C3	Arkticheskiy,			Ash Shām,		
Mts.	73	F5	Ararat, Mt. =			Mys	30	A7	Bādiyat	47	D4
Appennini	20	B3	Ağn Dağı	46	C6	Arlanzón →	18	A3	Ash Shāmiyah . .	47	E6
Appleton	72	B1	Araripe,			Arlberg P.	14	E6	Ash Shāriqah . . .	44	E3
Approuague	92	B3	Chapada do	92	D6	Arles	13	E6	Ash Shaṭrah	47	E6
Aprília	20	D4	Aras, Rūd-e → . . .	46	B7	Arlington, Va.,			Ash Shaykh, J. . .	46	D3
Apucarana	94	A6	Arauca	90	B4	U.S.A.	73	E7	Ash Shu'aybah . .	47	F6
Apure →	90	B5	Arauca →	90	B5	Arlington,			Ash Shu'bah . . .	47	E6
Apurimac →	91	F4	Arauco	94	D2	Wash., U.S.A. . . .	80	A2	Ashburton	65	E4
Aqabah = Al			Araxá	93	F4	Arlon	14	D3	Ashcroft	71	C7
'Aqabah	47	E3	Araya, Pen. de . . .	90	A6	Armagh	11	D3	Asheville	75	B6
'Aqabah, Khalīj			Arbatax	21	E2	Armavir	25	D5	Ashford,		
al	47	E3	Arbīl	46	C6	Armenia	90	C3	Australia	63	A5
Āqcheh	45	B6	Arbroath	10	C5	Armenia ■	25	E5	Ashford, U.K. . . .	11	F7
Aqīq	53	E6	Arcachon	12	D3	Armidale	63	B5	Ashgabat	29	F6
Aqmola =			Archangel =			Armstrong	69	C2	Ashikaga	32	A6
Astana	29	D8	Arkhangelsk	28	C5	Arnaud →	68	B3	Ashizuri-Zaki . . .	32	C3
Aqrah	46	C5	Arcila = Asilah . .	54	A3	Arnauti, C.	46	D3	Ashkhabad =		
Aqtöbe	29	D6	Arckaringa	62	A1	Arnhem	14	C3	Ashgabat	29	F6
Aquidauana	93	G2	Arckaringa			Arnhem, C.	60	C6	Ashmyany	17	A7
Aquitain, Bassin .	12	D3	Cr. →	62	A2	Arnhem Land	60	C5	Ashqelon	47	E3
Ar Rachidiya	54	B4	Arcos de la			Arno →	20	C3	Ashtabula	72	D5
Ar Ramādī	46	D5	Frontera	18	D3	Arno Bay	62	B2	Ashuanipi, L. . . .	69	C4
Ar Raqqah	46	D4	Arcot	43	N11	Arnsberg	14	C5	Asia, Kepulauan .	39	D4
Ar Rass	47	F5	Arcoverde	92	D6	Aroab	58	D3	Asifabad	43	K11
Ar Rifā'ī	47	E6	Arctic Bay	68	A2	Arqalyk	29	D7	Asike	39	F6
Ar Riyāḍ	47	F6	Arctic Red River .	70	B6	Arrabury	62	A3	Asilah	54	A3
Ar Ruṭbah	46	D5	Arda →	22	D6	Arrah = Ara	40	E5	Asinara	20	D2
Ar Ruwayḍah . . .	47	G6	Ardabīl	46	C7	Arran	10	D4	Asinara, G. dell'	20	D2
Ara	40	E5	Ardahan	46	B5	Arras	13	A5	Asino	29	D9
'Arab, Bahr			Ardakān =			Arrecife	54	C2	Asipovichy	17	B9
el →	53	G4	Sepīdān	44	D3	Arrée, Mts. d' . . .	12	B2	'Asir □	48	D3
Arab, Shatt			Ardenne	14	D3	Arrowtown	65	F3	Asir, Ras	49	E5
al →	47	E7	Ardenne =			Árta	23	E3	Asmara =		
Arabian Desert			Ardenne	14	D3	Arthur →	62	D3	Asmera	53	E6
= Es Sahrā'			Ardestān	44	C3	Arthur's Pass	65	E4	Asmera	53	E6
Esh Sharqīya	52	C5	Ardlethan	63	B4	Artigas	94	C5	Aspiring, Mt. . . .	65	F3
Arabian Gulf =			Ardmore	78	B5	Artois	12	A5	Assam □	41	D9
Gulf, The	44	E2	Ardrossan	62	B2	Artsyz	17	E9	Assen	14	B4
Arabian Sea	26	H10	Arecibo	87	C6	Artvin	46	B5	Assini	55	G4
Araç	46	B3	Areia Branca	92	C6	Aru, Kepulauan . .	39	F4	Assiniboia	71	D9
Aracaju	93	E6	Arendal	9	G9	Aru Is. = Aru,			Assiniboine → . .	71	D10
Aracataca	90	A4	Arequipa	91	G4	Kepulauan	39	F4	Assis	94	A6
Aracati	92	C6	Arero	53	H6	Arua	57	D6	Assisi	20	C4
Araçatuba	93	G3	Arévalo	18	B3	Aruanā	93	E3	Astana	29	D8
Aracena	18	D2	Arezzo	20	C3	Aruba ■	87	D6	Asti	20	B2
Araçuaí	93	F5	Argamakmur	37	E2	Arumpo	62	B3	Astipálaia	23	F6
Arad	16	E5	Arganda	18	B4	Arunachal			Astorga	18	A2
Arada	53	F3	Argentán	12	B3	Pradesh □	41	C10	Astoria	80	B2
Arafura Sea	39	F4	Argentário, Mte. . .	20	C3	Arusha	57	E7	Astrakhan	25	D6
Aragón □	19	B5							Astrakhan-Bazār .	25	F6

Asturias ☐	18	A3	Aus	58	D3	Azare	55	F7	Baffin B.	68	A4
Asunción	94	B5	Auschwitz =			Azbine = Aïr	55	E6	Baffin I.	68	B3
Aswân	52	D5	Oświęcim	16	C4	Azerbaijan ■	25	E6	Bafia	56	D2
Aswân High			Austin, <i>Minn.,</i>			Azerbaijchan =			Bafing ➡	55	F2
Dam = Sadd			<i>U.S.A.</i>	77	D8	Azerbaijan ■	25	E6	Bafoulabé	55	F2
el Aali	52	D5	Austin, <i>Tex.,</i>			Azogues	90	D3	Bāfq	44	D3
Asyût	52	C5	<i>U.S.A.</i>	78	D5	Azores	50	C1	Bafra	46	B3
At Ṭafilah	47	E3	Austral Is. =			Azov	25	D4	Bāft	44	D4
At Ṭā'if	48	C3	Tubuai Is.	65	M16	Azov, Sea of	25	D4	Bafwasende	57	D5
Atacama,			Austral			Azovskoye More			Bagamoyo	57	F7
Desierto de	94	A3	Seamount			= Azov, Sea			Baganga	38	C3
Atacama, Salar			Chain	65	M16	of	25	D4	Bagansiapiapi	37	D2
de	94	A3	Australia ■	60	E6	Azovy	28	C7	Bagdarin	30	D9
Atakpamé	55	G5	Australian Alps	63	C4	Azúa	87	C5	Bagé	94	C6
Atalaya	91	F4	Australian			Azuaga	18	C3	Baghdād	46	D6
Atami	32	B6	Capital			Azuero, Pen. de	86	E3	Bagheria	21	E4
Atapupu	39	F2	Territory ☐	63	C4	Azul	94	D5	Baghlān	42	A6
Atâr	54	D2	Austria ■	15	E8				Baghlān ☐	45	C7
Atasu	29	E8	Autun	13	C6				Baguio	38	A2
Atauro	39	F3	Auvergne	13	D5				Bahamas ■	86	A4
Atbara	53	E5	Auvergne, Mts.						Baharampur	40	E7
'Atbara ➡	53	E5	d'	13	D5				Bahawalpur	42	E7
Atbasar	29	D7	Auxerre	13	C5				Bahía =		
Athabasca	71	C8	Avallon	13	C5				Salvador	93	E6
Athabasca ➡	70	C8	Aveiro, <i>Brazil</i>	92	C2				Bahía ☐	93	E5
Athabasca, L.	70	C8	Aveiro, <i>Portugal</i>	18	B1				Bahía Blanca	94	D4
Athens =			Āvej	46	D7				Bahía de		
Athínai	23	F4	Avellaneda	94	C5				Caráquez	90	D2
Athens, <i>Ala.,</i>			Avellino	21	D5				Bahía Laura	95	F3
<i>U.S.A.</i>	74	B4	Aversa	21	D5				Bahía Negra	91	H7
Athens, <i>Ga.,</i>			Avezzano	20	C4				Bahr Aouk ➡	56	C3
<i>U.S.A.</i>	75	C6	Aviá Terai	94	B4				Bahr		
Athínai	23	F4	Aviemore	10	C5				Salamat ➡	53	G2
Athlone	11	E3	Avignon	13	E6				Bahraich	40	D3
Áthos	23	D5	Ávila	18	B3				Bahrain ■	44	E2
Athy	11	E3	Avilés	18	A3				Baia Mare	17	E6
Ati	53	F2	Avoca ➡	62	C3				Baïbokoum	53	G2
Atico	91	G4	Avola	21	F5				Baidoa	49	G3
Atlanta	75	C5	Avranches	12	B3				Baie Comeau	69	D4
Atlantic City	73	E8	'Awālī	44	E2				Ba'ījī	46	D5
Atlas Mts. =			Awash	49	F3				Baikal, L. =		
Haut Atlas	54	B3	Awatere ➡	65	D6				Baykal, Oz.	30	D8
Atrak =			Awbārī	52	C1				Baile Atha Cliath		
Atrek ➡	44	B3	Awjilah	52	C3				= Dublin	11	E3
Atrek ➡	44	B3	Axim	55	H4				Băilești	22	B4
Attawapiskat ➡	69	C2	Axiós ➡	23	D4				Bailundo	58	A3
Attock	42	C8	Ayabaca	90	D3				Bā'ir	47	E4
Attopeu	36	B3	Ayabe	32	B4				Baird Mts.	71	B3
Attur	43	P11	Ayacucho,						Bairnsdale	63	C4
Atuel ➡	94	D3	<i>Argentina</i>	94	D5				Baitadi	40	C3
Atyraū	29	E6	Ayacucho, <i>Peru</i>	91	F4				Baiyin	35	C5
Aubagne	13	E6	Ayaguz	29	E9				Baja	16	E4
Aube ➡	13	B5	Ayamonte	18	D2				Baja, Pta.	84	B1
Auburn	74	C5	Ayaviri	91	F4				Baja California	84	A1
Auburn Ra.	63	A5	Āybak	45	B7				Bajimba, Mt.	63	A5
Aubusson	12	D5	Aydın	23	F6				Bakala	56	C4
Auch	12	E4	Ayers Rock	60	F5				Bakchar	29	D9
Auckland	64	B6	Áyios Evstrátios	23	E5				Bakel	55	F2
Aude ➡	13	E5	Aylmer, L.	70	B8				Baker, L.	70	B10
Augathella	63	A4	Ayn Dār	47	F7				Baker I.	64	J13
Augsburg	14	D6	Ayn Zālah	46	C5				Baker Lake	70	B10
Augusta, <i>Italy</i>	21	F5	Ayr	10	D4				Baker Mt.	80	A3
Augusta, <i>Ga.,</i>			Aytos	22	C6				Baker's Dozen		
<i>U.S.A.</i>	75	C7	Ayu, Kepulauan	39	D4				Is.	69	C3
Augusta, <i>Maine,</i>			Ayutla	84	D5				Bakersfield	82	C3
<i>U.S.A.</i>	73	B11	Ayvacak	23	E6				Bākhtarān	46	D6
Aunis	12	C3	Ayvalık	23	E6				Bakī	25	E6
Auponhia	39	E3	Az Ṭahrān	47	F7				Bakony Forest =		
Aurangabad,			Az Ṭarqā	46	D4				Bakony		
<i>Bihar, India</i>	40	E5	Az-Zilfī	47	F6				Hegyseg	16	E3
Aurangabad,			Az Zubayr	47	E6				Bakony Hegyseg	16	E3
<i>Maharashtra,</i>			Az Zuwayṭinah	52	B3				Bakouma	56	C4
<i>India</i>	43	K9	Azamgarh	40	D4				Baku = Bakī	25	E6
Aurich	14	B4	Azārbayjan =						Bakutis Coast	96	B1
Aurillac	12	D5	Azerbaijan ■	25	E6				Baky = Bakī	25	E6
Aurora, <i>Colo.,</i>			Āzarbāyjān-e						Balabac I.	36	C5
<i>U.S.A.</i>	76	F2	Gharbī ☐	46	C6				Balabac Str.	36	C5
Aurora, <i>Ill.,</i>			Āzarbāyjān-e						Balabalangan,		
<i>U.S.A.</i>	72	D1	Sharqī ☐	46	C6				Kepulauan	37	E5

Balaghat Ra.

Balaghat Ra.	43	K10	Banda,		Bangweulu, L.	57	G6	Bari Doab	42	D8	
Balaguer	19	B6	Kepulauan	39	E3	Bani	87	C5	Barim	49	E3
Balaklava,			Banda Aceh	36	C1	Banī Walīd	52	B1	Barinas	90	B4
<i>Australia</i>	62	B2	Banda Banda,			Banīnah	52	B3	Baring, C.	70	B8
Balaklava,			Mt.	63	B5	Bāniyās	46	D3	Bārīs	52	D5
<i>Ukraine</i>	25	E3	Banda Elat	39	F4	Banja Luka	20	B6	Barisai	41	F8
Balakovo	24	C6	Banda Is. =			Banjarmasin	37	E4	Barisan, Bukit	37	E2
Balashov	24	C5	Banda,			Banjul	55	F1	Barito →	37	E4
Balasore =			Kepulauan	39	E3	Bankipore	40	E5	Barkly Tableland	60	D6
Baleshwar	40	G6	Banda Sea	39	F3	Banks I.	70	A7	Barlee, L.	60	F2
Balaton	16	E3	Bandanaira	39	E3	Banks Pen.	65	E5	Barletta	20	D6
Balbina, Reprêsa			Bandar =			Banks Str.	62	D4	Barmedman	63	B4
de	90	D7	Machilipatnam	40	J3	Bankura	40	F6	Barmer	42	G7
Balchik	22	C7	Bandār 'Abbās	44	E4	Banningville =			Barmera	62	B3
Balclutha	65	G3	Bandar-e Anzalī	46	C7	Bandundu	56	E3	Barnato	63	B4
Baleares, Is.	19	C7	Bandar-e			Bannu	42	C7	Barnaul	29	D9
Balearic Is. =			Bushehr =			Banská Bystrica	16	D4	Barnsley	11	E6
Baleares, Is.	19	C7	Būshehr	44	D2	Banswara	43	H9	Barnstaple	11	F4
Baler	38	A2	Bandar-e Chārak	44	E3	Bantry	11	F2	Baro	55	G6
Baleshwar	40	G6	Bandar-e			Banu	42	B6	Baroda =		
Bali, <i>Cameroon</i>	55	G7	Deylam	47	E7	Banyak,			Vadodara	43	H8
Bali, <i>Indonesia</i>	37	F5	Bandar-e			Kepulauan	37	D1	Barpeta	41	D8
Bali □	37	F5	Khomeynī	47	E7	Banyo	55	G7	Barquisimeto	90	A5
Balikeşir	23	E6	Bandar-e			Banzare Coast	96	A13	Barra, <i>Brazil</i>	93	E5
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Balimbing	38	C1	Bandar-e			Mobayi	56	D4	Barra do Corda	92	D4
Balipara	41	D9	Ma'shur	47	E7	Baoding	35	C6	Barra do Pirai	93	G5
Baliza	93	F3	Bandar-e			Baoji	35	C5	Barra Falsa, Pta.		
Balkan Mts. =			Nakhilū	44	E3	Baoshan	34	D4	da	59	C7
Stara Planina	22	C4	Bandar-e Rīg	44	D2	Baotou	35	B6	Barraba	63	B5
Balkh	45	B6	Bandar-e			Bapatla	40	K3	Barrackpur =		
Balkhash =			Torkeman	44	B3	Ba'qūbah	46	D6	Barakpur	41	F7
Balqash	29	E8	Bandar			Bar,			Barraigh =		
Balkhash, Ozero			Maharani =			<i>Montenegro, Yug.</i>			Barra	10	C3
= Balqash Köl	29	E8	Muar	37	D2	22	C2	Barranca, <i>Lima,</i>		
Balla	41	E8	Bandar			Bar, <i>Ukraine</i>	17	D8	<i>Peru</i>	91	F3
Ballarat	62	C3	Penggaram =			Bar-le-Duc	13	B6	Barranca,		
Ballater	10	C5	Batu Pahat	37	D2	Barabai	37	E5	<i>Loreto, Peru</i>	90	D3
Ballina, <i>Australia</i>	63	A5	Bandar Seri			Barabinsk	29	D8	Barrancabermeja		
Ballina, <i>Ireland</i>	11	D2	Begawan	36	D5	Baracaldo	19	A4	90	B4
Ballinasloe	11	E2	Bandawe	59	A6	Baracoa	86	B5	Barrancas	90	B6
Ballymena	11	D3	Bandeira, Pico			Barahona	87	C5	Barrancos	18	C2
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Bam	44	D4	Kepulauan	39	E2	Barbacoas	90	C3	Barry	11	F5
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Calama, Chile	94	A3	Campbellton	69	= Vung Tau	36	Karnische		
Calamar,			Campbelltown	63	Capaia	56	Alpen	20	A4
Bolívar,			Campbeltown	10	Capanaparo	90	Carniche Alpi =		
Colombia	90	A4	Campeche	85	Cape Barren I.	62	Karnische		
Calamar,			Campeche, B. de	85	Cape Breton I.	69	Alpen	20	A4
Vaupés,			Camperdown	62	Cape Coast	55	Carnot	56	D3
Colombia	90	C4	Campina Grande	92	Cape Dorset	68	Carnot, C.	62	B2
Calamian Group	38	B1	Campinas	94	Cape Dyer	68	Carolina	92	D4
Calamocha	19	B5	Campo	56	Cape Girardeau	79	Caroline I.	65	K15
Calang	36	D1	Campo Belo	93	Cape Jervis	62	Caroline Is.	64	J10
Calapan	38	B2	Campo Formoso	93	Cape Town	58	Caroni	90	B6
Călărași	22	B6	Campo Grande	93	Cape Verde Is.	50	Caronie =		
Calatayud	19	B5	Campo Maïor	92	Cape York		Nébроди,		
Calauag	38	B2	Campo Mourão	93	Peninsula	61	Monti	21	F5
Calavite, C.	38	B2	Campoalegre	90	Capela	93	Caroona	63	B5
Calbayog	38	B2	Campobasso	20	Capim	92	Carpathians	16	D5
Calca	91	F4	Campos	93	Capraia	20	Carpații		
Calcutta	41	F7	Campos Belos	93	Capri	21	Meridionali	17	F7
Caldas da			Campuya	90	Caprivi Strip	58	Carpentaria, G.		
Rainha	18	C1	Camrose	71	Captain's Flat	63	of	60	C6
Caldera	94	B2	Çan	23	Caquetá	90	Carpentras	13	D6
Caldwell	80	D5	Can Tho	36	Caracal	22	Carpi	20	B3
Caledon	58	E3	Canada	70	Caracas	90	Carpolac =		
Caledon	59	E5	Cañada de		Caracol	93	Morea	62	C3
Calgary	71	C8	Gómez	94	Caradoc	62	Carrara	20	B3
Cali	90	C3	Çanakkale	23	Carajás, Serra		Carrauntoohill	11	E2
Calicut	43	P9	Çanakkale		dos	92	Carrick-on-Suir	11	E3
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Calingasta	94	C3	Canarias, Is.	54	Caratasca, L.	86	Çarşamba	46	B4
Callabonna, L.	62	A3	Canary Is. =		Caratinga	93	Carson City	80	F4
Callao	91	F3	Canarias, Is.	54	Caraúbas	92	Cartagena,		
Caloundra	63	A5	Canavieiras	93	Caravaca	19	Colombia	90	A3
Caltagirone	21	F5	Canbelego	63	Caravelas	93	Cartagena,		
Caltanissetta	21	F5	Canberra	63	Caraveli	91	Spain	19	D5
Calulo	56	G2	Candala	49	Carballo	18	Cartago,		
Calunda	58	A4	Candelo	63	Carbonara, C.	21	Colombia	90	C3
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Camabatela	56	F3	Canelones	94	Carcassonne	12	Carthage	79	A6
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Chi →	36	A2	Chiniot	42	D8	Churchill →,			Australia	63	A5
Chiamussu =			Chinju	35	C7	Man., Canada	70	C10	Cleveland,		
Jiamusi	35	B8	Chinnampo	35	C7	Churchill →,			U.S.A.	72	D5
Chiange	58	B2	Chinon	12	C4	Nfld., Canada	69	C4	Clifden	65	G2
Chiapa →	85	D6	Chinsali	57	G6	Churchill, C. . . .	70	C10	Clifton	63	A5
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Chiavenna	20	A2	Chíos = Khíos . .	23	E6	Churchill L. . . .	71	C9	Clinton, Canada	71	C7
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Chibuk	53	F1	Chirmiri	40	F4	Republic □ =			Clones	11	D3
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Chickasha	78	B5	Chitado	58	A3	Cieszyn	16	D4	Clyde, Firth of . .	10	D4
Chiclana de la			Chitembo	58	A3	Cieza	19	C5	Clyde River	68	A4
Frontera	18	D2	Chitral	42	B7	Cijara, Pantano			Coari	90	D6
Chiclayo	91	E3	Chitré	86	E3	de	18	C3	Coast Mts.	70	C7
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Chiemsee	15	E7	Chojnice	16	B3	Çine	23	F7	Cobram	63	C4
Chiengi	57	F5	Cholet	12	C3	Cinto, Mte.	13	E8	Cóbué	59	A6
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Chiili	29	E7	Chōngju	35	C7	Chetumal	85	D7	Nam-Phan	36	B3
Chik Bollapur . .	43	N10	Chongqing	35	D5	Ciudad del			Cochrane	69	D2
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			Kiritimati	65	J15	Marche	20	C4			

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Coig →	95	G3	Kommunizma,		Cooktown	61	D8	Corque	91	G5
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Coimbra,			Comodoro		Coolamon	63	B4	Corrientes, C.,		
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Colbeck, C.	96	B17	Comox	71	Coongie	62	A3	Corsica = Corse	13	E8
Colbinabbin	63	C3	Compiègne	13	Coongoola	63	A4	Corsicana	79	C5
Colchester	11	F7	Compton Downs	63	Cooninie, L.	62	A2	Corte	13	E8
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Australia	62	C3	Concarneau	12	Cooper Cr. →,			Goiás	93	F4
Coleraine, U.K.	11	D3	Conceição da		S. Austral.,			Corunna = La		
Coleridge, L.	65	E4	Barra	93	Australia	62	A2	Coruña	18	A1
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Colhué Huapi, L.	95	F3	Bolivia	91	Cootamundra	63	B4	Cosenza	21	E6
Colima	84	D4	Concepción,		Cooyar	63	A5	Costa Blanca	19	C5
Colinas	92	D5	Chile	94	Copenhagen =			Costa Brava	19	B7
Coll	10	C3	Concepción,		København	9	G10	Costa del Sol	18	D3
Collaguasi	91	H5	Paraguay	94	Copiapó	94	B2	Costa Dorada	19	B6
Collarenebri	63	A4	Concepción, L.	91	Copiapó →	94	B2	Costa Rica ■	86	E3
Collingwood	64	D5	Concepción del		Copley	62	B2	Cotabato	38	C2
Colmar	13	B7	Oro	84	Copper Center	71	B5	Cotagaita	91	H5
Colo →	63	B5	Concepción del		Copper Cliff	69	D2	Côte d'Azur	13	E7
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Colomb-Béchar			Conchos →	84	Kugluktuk	70	B8	= Ivory		
= Béchar	54	B4	Concord, N.C.,		Coppermine →	70	B8	Coast ■	55	G3
Colômbia	93	G4	U.S.A.	75	Coquimbo	94	C2	Cotentin	12	B3
Colombia ■	90	C4	Concord, N.H.,		Corabia	22	C5	Cotonou	55	G5
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Colón, Cuba	86	B3	Concordia,		Coral Harbour =			Cotswold Hills	11	F5
Colón, Panama	85	F9	Argentina	94	Salliq	68	B2	Cottbus	15	C8
Colonia	94	C5	Concórdia, Brazil	90	Coral Sea	64	L10	Couedic, C. du	62	C2
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Argentina	95	D4	Confuso →	94	Córdoba,			Courtrai =		
Colorado →,			Congo ■	56	Argentina	94	C4	Kortrijk	14	C2
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Colorado			Congo, Dem.		Córdoba, Sierra			Covilhã	18	B2
Plateau	83	B7	Rep. of the ■	56	de	94	C4	Covington	72	E3
Colorado			Conjeeveram =		Cordon	38	A2	Cowal, L.	63	B4
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Columbia, Mo.,			Conlea	63	Corfu = Kérkira	23	E2	Cowarie	62	A2
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Columbia, S.C.,			Connacht □	11	Corigliano			Cowra	63	B4
U.S.A.	75	B7	Connecticut □	73	Cálabro	21	E6	Coxim	93	F3
Columbia,			Connecticut →	73	Corinna	62	D4	Cox's Bazar	41	G8
Tenn., U.S.A.	74	B4	Connemara	11	Corinth =			Cozumel, I. de	85	C7
Columbia →	80	B1	Conoble	63	Kórinthos	23	F4	Craboon	63	B4
Columbia,			Cononaco →	90	Corinth, G. of =			Cracow =		
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			Bulgaria	22	C5	Dnieper =			
						Dnipro →	25 D3		

Döröö Nuur ...	34	B4	Dubréka	55	G2	D'Urville,		Echo Bay	70	B8	
Dorrigo	63	B5	Dubrovitsa =			Tanjung	39	E5	Echuca	63	C3
Dortmund	14	C4	Dubrovytsya	17	C8	D'Urville I.	65	D5	Ecija	18	D3
Doruma	57	D5	Dubrovnik	20	C7	Dusa Mareb ...	49	F4	Ecuador ■	90	D3
Dos Bahías, C. .	95	E3	Dubrovytsya ..	17	C8	Dushak	29	F7	Ed Dâmer	53	E5
Dos Hermanas	18	D3	Dudhi	40	E4	Dushanbe	29	F7	Ed Debba	53	E5
Dosso	55	F5	Dudinka	30	C6	Dusky Sd.	65	F2	Ed Dueim	53	F5
Dothan	74	D5	Duero =			Düsseldorf	14	C4	Edd	49	E3
Douai	13	A5	Douro → ...	18	B1	Dutch Harbor ..	71	C3	Eddystone Pt. .	62	D4
Douala	56	D1	Dugi Otok	20	B5	Duwādimi	47	F6	Édea	56	D2
Douarnenez ...	12	B1	Duisburg	14	C4	Duyun	35	D5	Eden	63	C4
Double Island			Dukelský			Düzce	46	B2	Eder →	14	C5
Pt.	63	A5	Průsmyk	16	D5	Duzdab =			Édhessa	23	D4
Doubs →	13	C6	Dukhān	44	E2	Zāhedān	45	D5	Edievale	65	F3
Doubtful Sd. ..	65	F2	Duki	42	D6	Dvina,			Edinburg	78	F4
Doubtless B. ..	64	A5	Duku	55	F7	Severnaya →	28	C5	Edinburgh	10	D5
Douentza	55	F4	Dulce →	94	C4	Dvinsk =			Edinița	17	D8
Douglas, U.K. .	11	D4	Dulit, Banjaran	37	D4	Daugavpils ..	24	B2	Edirne	22	D6
Douglas, U.S.A.	83	E8	Duluth	77	B8	Dwarka	43	H6	Edithburgh	62	C2
Doumé	56	D2	Dum Duma ...	41	D10	Dyatlovo =			Edmonton	71	C8
Dourados	94	A6	Dum Hadjer ...	53	F2	Dzyatlava ...	17	B7	Edmundston ..	69	D4
Douro →	18	B1	Dumaguete ...	38	C2	Dyer, C.	68	B4	Edremit	23	E6
Dover, Australia	62	D4	Dumai	37	D2	Dyer Plateau ..	96	B3	Edremit Körfezi	23	E6
Dover, U.K. ...	11	F7	Dumaran	38	B1	Dyersburg	79	A9	Edson	71	C8
Dover, Str. of ..	11	F7	Dumfries	11	D5	Dymer	17	C10	Edward → ...	62	C3
Dovre fjell	8	F9	Dumyât	52	B5	Dynevor Downs	63	A3	Edward, L.	57	E5
Dowlāt Yār	45	C6	Dún Dealgan =			Dzamin Üüd ..	35	B6	Edward VII Land	96	C17
Dowlātābād ...	44	D4	Dundalk	11	D3	Dzerzhinsk	24	B5	Edwards Plateau	78	D3
Dowshī	45	C7	Dun Laoghaire	11	E3	Dzhambul =			Égadi, Ísole ...	21	F4
Draa, Oued →	54	C2	Duna =			Zhambyl	29	E8	Eger = Cheb ..	16	C1
Drăgășani	22	B5	Dunărea → .	17	F9	Dzhankoy	25	D3	Eger	16	E5
Dragichyn	17	B7	Dunaj =			Dzhardzhan ...	30	C10	Egersund	9	G9
Dragoman,			Dunărea → .	17	F9	Dzhezkazgan =			Egmont, C.	64	C5
Prokhod	22	C4	Dunakeszi	16	E4	Zhezqazghan	29	E7	Egmont, Mt. ...	64	C6
Draguignan ...	13	E7	Dunărea → ...	17	F9	Dzhizak =			Eğridir	46	C2
Drake	63	A5	Dunaújváros ..	16	E4	Jizzakh	29	E7	Eğridir Gölü ...	46	C2
Drakensberg ..	59	E5	Dunav =			Działdowa	16	B5	Egypt ■	52	C5
Dráma	22	D5	Dunărea → .	17	F9	Dzierzoniów ...	16	C3	Eibar	19	A4
Drammen	9	G10	Dunback	65	F4	Dzungaria =			Eidsvold	63	A5
Drau =			Dunbar	10	D5	Junggar Pendi	34	B3	Eifel	14	C4
Drava → ...	20	B7	Duncan	78	B5	Dzungarian Gate			Eigg	10	C3
Drava →	20	B7	Dundalk	11	D3	= Alataw			Eil	49	F4
Dresden	15	C7	Dundee,			Shankou	34	B3	Eildon, L.	63	C4
Dreux	12	B4	S. Africa	59	D6	Dzuumod	35	B5	Eindhoven	14	C3
Drina →	20	B7	Dundee, U.K. ..	10	C5	Dzyarzhynsk ..	17	B8	Eire = Ireland ■	11	E3
Drini →	22	C2	Dundoo	63	A3	Dzyatlava	17	B7	Eirunepé	91	E5
Drochia	17	D8	Dunedin	65	F4				Eisenach	14	C6
Drogheda	11	E3	Dunfermline ..	10	C5				Eisenerz	15	E8
Drogichin =			Dungarvan	11	E3				Eivissa = Ibiza .	19	C6
Dragichyn ...	17	B7	Dungog	63	B5				Eketahuna	64	D6
Drogobych =			Dungu	57	D5				Ekibastuz	29	D8
Drohobych ..	17	D6	Dunhuang	34	B4				El Aaiún	54	C2
Drohobych	17	D6	Dunkerque	12	A5				El Alamein	52	B4
Droichead Atha			Dunkirk =						El Aricha	54	B4
= Drogheda .	11	E3	Dunkerque ..	12	A5				El 'Arīsh	52	B5
Dromedary, C. .	63	C5	Dunkwa	55	G4	Vychodné			El Asnam = Ech		
Drumheller ...	71	C8	Dúnleary = Dun			Beskydy	17	D5	Cheliff	54	A5
Drummond Pt.	62	B2	Laoghaire ...	11	E3	East C.	64	B8	El Bawiti	52	C4
Drut →	17	B10	Dunolly	62	C3	East China Sea	35	C7	El Bayadh	54	B5
Drygalski I.	96	A11	Dunqul	52	D5	East Falkland ..	95	G5	El Callao	90	B6
Dschang	55	G7	Dunstan Mts. ..	65	F3	East Kilbride ..	10	D4	El Centro	82	D5
Qubā	47	F3	Durance → ...	13	E6	East London ...	59	E5	El Cerro	91	G6
Dubai = Dubayy	44	E3	Durango,			East Main =			El Cuy	95	D3
Dubăsari	17	E9	Mexico	84	C4	Eastmain ...	69	C3	El Cuyo	85	C7
Dubăsari Vdkhr.	17	E9	Durango, Spain	19	A4	East Orange ...	73	D8	El Dere	49	G4
Dubawnt → ..	70	B9	Durazno	94	C5	East St. Louis .	77	F9	El Diviso	90	C3
Dubawnt, L. ...	70	B9	Durazzo =			East Toorale ..	63	B4	El Djouf	55	D3
Dubayy	44	E3	Durrësi	22	D2	Eastbourne, N.Z.	65	D6	El Dorado, Ark.,		
Dubbo	63	B4	Durban	59	D6	Eastbourne, U.K.	11	F7	U.S.A.	79	C7
Dublin, Ireland	11	E3	Düren	14	C4	Eastern Ghats .	43	N11	El Dorado,		
Dublin, U.S.A. .	75	C6	Durg	40	G3	Eastmain	69	C3	Kans., U.S.A.	78	A5
Dubno	17	C7	Durgapur	40	F6	Eastmain → ..	69	C3	El Dorado,		
Dubossary =			Durham, U.K. .	11	D6	Eau Claire	77	C9	Venezuela ...	90	B6
Dubăsari	17	E9	Durham, U.S.A.	75	B8	Eberswalde-			El Escorial	18	B3
Dubossary			Durham Downs	63	A4	Finow	15	B7	El Faiyûm	52	C5
Vdkhr. =			Durmitor	22	C2	Ebolowa	56	D2	El Fâsher	53	F4
Dubăsari			Durrësi	22	D2	Ebro →	19	B6	El Ferrol	18	A1
Vdkhr.	17	E9	Dursunbey	23	E7	Eceabat	23	D6	El Fuerte	84	B3
Dubovka	24	D5				Ech Cheliff	54	A5	El Gal	49	E5

El Geneina

El Geneina = Al		Elkhart	72	D3	Equatorial		Essen	14	C4
Junaynah	53 F3	Elkhovo	22	C6	Guinea	56 D1	Essequibo	90	B7
El Geteina	53 F5	Elko	80	E6	Er Rahad	53 F5	Esslingen	14	D5
El Gîza	52 C5	Ellery, Mt.	63	C4	Er Rif	54 A4	Estados, l. de		
El Iskandariya	52 B4	Ellesmere, L.	65	G5	Er Roseires	53 F5	Los	95	G4
El Jadida	54 B3	Ellice Is. =			Erāwadī Myit =		Estância	93	E6
El Jebelein	53 F5	Tuvalu	64	K12	Irrawaddy	41 K10	Estevan	71	D9
El Kab	53 E5	Elliston	62	B1	Erbil = Arbīl	46 C6	Estonia	24	B2
El Kala	54 A6	Ellore = Eluru	40	J3	Erciyaş Dağı	46 C3	Estrêla, Serra da	18	B2
El Kamlin	53 E5	Ellsworth Land	96	B2	Érd	16 E4	Estremoz	18	C2
El Kef	54 A6	Ellsworth Mts.	96	B2	Erdek	23 D6	Estrondo, Serra		
El Khandaq	53 E5	Elmore	63	C3	Erebus, Mt.	96 B15	do	92	D4
El Khârga	52 C5	Elmshorn	14	B5	Erechim	94 B6	Esztergom	16	E4
El Khartûm	53 E5	Eltham	64	C6	Eregli, Konya,		Etadunna	62	A2
El Khartûm		Eluru	40	J3	Turkey	46 C3	Étampes	12	B5
Bahrî	53 E5	Elvas	18	C2	Eregli,		Etawah	42	F11
El Laqâwa	53 F4	Elx = Elche	19	C5	Zonguldak,		Ethiopia	49	F2
El Mafâza	53 F5	Ely	11	E7	Turkey	46 B2	Etna	21	F5
El Mahalla el		Emâmrūd	44	B3	Eresma	18 B3	Etosha Pan	58	B3
Kubra	52 B5	Emba = Embi	29	E6	Erewadi		Euboea =		
El Mansûra	52 B5	Emba	29	E6	Myitwanya	41 K10	Évvoia	23	E5
El Minyâ	52 C5	Embarcación	94	A4	Erfurt	15 C6	Eucumbene, L.	63	C4
El Obeid	53 F5	Embi	29	E6	Ergani	46 C4	Eufaula	74	D5
El Odaiya	53 F4	Embi	29	E6	Érice	21 E4	Eugene	80	C2
El Oued	54 B6	Embrun	13	D7	Erie	73 C5	Eugowra	63	B4
El Paso	83 E9	Embu	57	E7	Erie, L.	72 C5	Eulo	63	A4
El Prat de		Emden	14	B4	Erigavo	49 E4	Euphrates =		
Llobregat	19 B7	Emerson	71	D10	Erímanthos	23 F3	Furât, Nahr		
El Puerto de		Emet	23	E7	Erimo-misaki	32 F12	al	47	E6
Santa María	18 D2	Emi Koussi	53	E2	Eritrea	49 E2	Eureka	80	E1
El Qâhira	52 B5	Emine, Nos	22	C6	Erlangen	15 D6	Euroa	63	C4
El Qantara	52 B5	Emmen	14	B4	Ermenak	46 C3	Europa, l.	59	J8
El Qasr	52 C4	Empalme	84	B2	Ermoúpolis =		Europa, Picos de	18	A3
El Reno	78 B5	Empangeni	59	D6	Síros	23 F5	Europa, Pta. de	18	D3
El Salvador	85 E7	Empedrado	94	B5	Ernakulam =		Europa Pt. =		
El Shallal	52 D5	Empty Quarter			Cochin	43 Q10	Europa, Pta.		
El Suweis	52 C5	= Rub' al			Erne, Lower L.	11 D3	de	18	D3
El Tigre	90 B6	Khali	48	D4	Erode	43 P10	Evans Head	63	A5
El Tocuyo	90 B5	Ems	14	B4	Eromanga	63 A3	Evanston	72	C2
El Turbio	95 G2	En Nahud	53	F4	Erramala Hills	43 M11	Evansville	72	F2
El Uqsur	52 C5	Enaratoli	39	E5	Ertis		Everard, L.	62	B1
El Vigía	90 B4	Enare =			Irtysch	28 C7	Everest, Mt.	40	C6
El Wak	57 D8	Inarijärvi	8	E13	Erzgebirge	15 C7	Everett	80	B2
El Wuz	53 E5	Encanto, C.	38	A2	Erzincan	46 C4	Everglades		
Elat	47 E3	Encarnación	94	B5	Erzurum	46 C5	National Park	75	G7
Elâziğ	46 C4	Encounter B.	62	C2	Es Sahrâ' Esh		Evinayong	56	D2
Elba	20 C3	Ende	39	F2	Sharqiya	52 C5	Évora	18	C2
Elbasani	22 D3	Enderby Land	96	A9	Es Sînâ'	52 C5	Évroux	12	B4
Elbe	14 B5	Enewetak Atoll	64	H11	Esbjerg	9 G9	Évros	22	D6
Elbert, Mt.	83 A9	Enez	23	D6	Esch-sur-Alzette	13 B6	Evry	12	B5
Elbeuf	12 B4	Engadin	13	C9	Escuinapa	84 C3	Évvoia	23	E5
Elbidtan	46 C4	Engaño, C.	38	A2	Eşfahân	44 C2	Ewo	56	E2
Elbing = Elbląg	16 A4	Engels	24	C6	Esh Sham =		Exaltación	91	F5
Elbląg	16 A4	Enggano	37	F2	Dimashq	46 D4	Exeter	11	F5
Elbrus	25 E5	Engkilili	37	D4	Esil		Exmoor	11	F5
Elburz Mts. =		England	11	E6	Ishim	29 D8	Exmouth	11	F5
Alborz,		Englewood	76	F2	Eskilstuna	9 G11	Extremadura	18	C2
Reshteh-ye		English Bazar =			Eskimo Pt. =		Eyasi, L.	57	E6
Kūhhā-ye	44 B3	Ingraj Bazar	40	E7	Arviat	70 B10	Eyre (North), L.	62	A2
Elche	19 C5	English Channel	11	F5	Eskişehir	46 C2	Eyre (South), L.	62	A2
Elda	19 C5	Enid	78	A5	Esla	18 B2	Eyre, L.	60	F6
Elde	15 B6	Enna	21	F5	Eslâmâbâd-e		Eyre Cr.	62	A2
Eldoret	57 D7	Ennedi	53	E3	Gharb	46 D6	Eyre Mts.	65	F3
Elektrostal	24 B4	Enngonia	63	A4	Eşme	23 E7	Eyre Pen.	62	B2
Elephant I.	96 A4	Ennis	11	E2	Esmeraldas	90 C3	Ezine	23	E6
Eleuthera	86 A4	Enniskillen	11	D3	Esperance	60 G3			
Elgin, U.K.	10 C5	Enns	15	D8	Esperanza	94 C4			
Elgin, U.S.A.	72 C1	Enschede	14	B4	Espichel, C.	18 C1			
Elgon, Mt.	57 D6	Ensenada	84	A1	Espinal	90 C4			
Eliase	39 F4	Entebbe	57	D6	Espinazo, Sierra				
Elisabethville =		Entroncamento	18	C1	del =				
Lubumbashi	59 A5	Enugu	55	G6	Espinhaço,				
Elista	25 D5	Enugu Ezike	55	G6	Serra do	93 F5			
Elizabeth,		Eólie, Ís.	21	E5	Espinhaço, Serra				
Australia	62 B2	Épernay	13	B5	do	93 F5			
Elizabeth, U.S.A.	73 D8	Éphesus	23	F6	Espírito Santo	93 G5			
Elizabeth City	75 A9	Épinal	13	B7	Esquel	95 E2			
Elizabethton	75 A6	Epukiro	58	C3	Esquina	94 C5			
Etk	16 B6				Essaouira	54 B3			

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F.Y.R.O.M. =		Macedonia	22	D3
Fabrizio	20	C4		
Facatativá	90	C4		
Fachi	55	E7		
Fada	53	E3		
Fada-n-Gourma	55	F5		
Faddeyevskiy,				
Ostrov	31	B12		

Fāḍilī	47	F7	Favignana	21	F4	Flaming Gorge Reservoir . . .	81	E9	Forsayth	61	D7
Faenza	20	B3	Faya-Largeau . .	53	E2	Flamingo, Teluk . .	39	F5	Forst	15	C8
Færoe Is. =			Fayd	47	F5	Flandre	14	C2	Forster	63	B5
Føroyar	6	C4	Fayetteville, Ark., U.S.A. .	79	A6	Flathead L.	81	B6	Fort Albany . . .	69	C2
Fāgāras	17	F7	Fayetteville, N.C., U.S.A. .	75	B8	Flattery, C.	80	A1	Fort Collins . . .	76	E2
Fagnano, L. . . .	95	G3	Fazilka	42	D9	Flensburg	14	A5	Fort-de-France .	87	D7
Fahraj	45	D4	Fdérík	54	D2	Flers	12	B3	Fort de Possel =		
Fahūd	44	F4	Feather →	80	F3	Flesko, Tanjung .	39	D2	Possel	56	C3
Fair Isle	10	B6	Featherston . . .	65	D6	Flin Flon	71	C9	Fort Dodge . . .	77	D7
Fairbanks	71	B5	Fécamp	12	B4	Flinders →	61	D7	Fort Franklin . .	70	B7
Fairfield, Ala., U.S.A.	74	C4	Fehmarn	15	A6	Flinders I.	62	C4	Fort Good-Hope	70	B7
Fairfield, Calif., U.S.A.	80	F2	Feilding	64	D6	Flint	72	C4	Fort Hertz =		
Fairlie	65	F4	Feira de Santana	93	E6	Flint I.	65	L15	Putao	41	D11
Fairweather, Mt.	71	C6	Feldkirch	14	E5	Finton	63	A4	Fort Lauderdale	75	F7
Faisalabad	42	D8	Felipe Carrillo Puerto	85	D7	Florence =			Fort Liard	70	B7
Faizabad	40	D4	Felixstowe	11	F7	Firenze	20	C3	Fort Macleod . .	71	D8
Fakfak	39	E4	Fengjie	35	C5	Florence, Ala., U.S.A.	74	B4	Fort MacMahon	54	C5
Falaise	12	B3	Fenyang	35	C6	Florence, S.C., U.S.A.	75	B8	Fort McPherson	70	B8
Falam	41	F9	Feodosiya	25	D4	Florence, L. . . .	62	A2	Fort Miribel . . .	54	C5
Falconara Maríttima	20	C4	Ferdows	44	C4	Flores	39	F2	Fort Myers	75	F7
Falcone, C. . . .	20	D2	Ferfer	49	F4	Flores Sea	39	F2	Fort Norman . .	70	B7
Faleshty =			Fergana =			Florești	17	E9	Fort Peck L. . . .	81	B10
Fălești	17	E8	Farghona	29	E8	Floriano	92	D5	Fort Pierce	75	F7
Fălești	17	E8	Fermo	20	C4	Florida	94	B7	Fort Portal	57	D6
Falkland Is. □ . .	95	G5	Fernando de Noronha	92	C7	Florida □	75	F6	Fort Providence	70	B8
Falkland Sd. . . .	95	G5	Fernando Póo =			Florida, Straits of	86	B3	Fort Resolution	70	B8
Fall River	73	D10	Bioko	56	D1	Flórina	23	D3	Fort Rosebery =		
Falmouth	11	F4	Ferozepore =			Florø	8	F9	Mansa	57	G5
False B.	58	E3	Firozpur	42	D9	Fluk	39	E3	Fort Rupert =		
Fălticeni	17	E8	Ferrara	20	B3	Flushing =			Waskaganish	69	C3
Falun	9	F11	Ferreñafe	91	E3	Vlissingen	14	C2	Fort Sandeman	42	D6
Famagusta	46	D3	Ferret, C.	12	D3	Fly →	61	B7	Fort Scott	79	A6
Fandriana	59	J9	Ferrol = El Ferrol	18	A1	Flying Fish, C. . .	96	B1	Fort Severn . . .	69	C2
Fano	20	C4	Fès	54	B4	Foça	23	E6	Fort Shevchenko	29	E6
Fao = Al Fāw . . .	47	E7	Feshi	56	F3	Focșani	17	F8	Fort Simpson . .	70	B7
Faradje	57	D5	Fetești	22	B6	Fóggia	20	D5	Fort Smith,		
Farafangana . . .	59	J9	Fetlar	10	A6	Föhr	14	A5	Canada	70	B8
Farāh	42	C3	Feuilles →	68	C3	Foix	12	E4	Fort Smith,		
Farāh □	42	C3	Fezzan	52	C2	Foligno	20	C4	U.S.A.	79	B8
Faranah	55	F2	Fianarantsoa . . .	59	J9	Folkestone	11	F7	Fort Trinquet =		
Farasān, Jazā'ir .	49	D3	Fianga	53	G2	Fond du Lac . . .	77	D10	Bir Mogrein . .	54	C2
Farasan Is. =			Ficksburg	59	D5	Fondi	20	D4	Fort Walton		
Farasān, Jazā'ir	49	D3	Fieri	23	D2	Fonsagrada	18	A2	Beach	74	D4
Fareham	11	F6	Figeac	12	D5	Fonseca, G. de . .	85	E7	Fort Wayne . . .	72	D3
Farewell, C. . . .	64	D5	Figueira da Foz .	18	B1	Fontainebleau . .	13	B5	Fort William . .	10	C4
Farewell C. =			Figueras	19	A7	Fonte Boa	90	D5	Fort Worth . . .	78	C5
Farvel, Kap	68	C6	Figuig	54	B4	Fontenay-le-Comte	12	C3	Fort Yukon . . .	71	B5
Farghona	29	E8	Fiji ■	64	L12	Foochow =			Fortaleza	92	C6
Fargo	76	B6	Filiatrá	23	F3	Fuzhou	35	D6	Forūr	44	E3
Farim	55	F1	Filyos →	46	B3	Forbes	63	B4	Foshan	35	D6
Farīmān	45	C4	Fíngõe	59	A6	Ford's Bridge . . .	63	A4	Fossano	20	B1
Farina	62	B2	Finike	46	C2	Forécariah	55	G2	Fougamou	56	E2
Faro, Brazil . . .	92	C2	Finisterre, C. . .	18	A1	Forestier Pen. . .	62	D4	Fougères	12	B3
Faro, Portugal . .	18	D2	Finke →	62	A2	Forfar	10	C5	Foula	10	A5
Farrāshband . . .	44	D3	Finland ■	8	F13	Forli	20	B4	Foumban	55	G7
Farrell Flat	62	B2	Finland, G. of . .	9	G13	Formentera	19	C6	Fóurnoi	23	F6
Farrukhabad-cum-			Finlay →	70	C7	Formentor, C. de	19	C7	Fouta Djalon . .	55	F2
Fatehgarh	42	F11	Finley	63	C4	Former			Foveaux Str. . .	65	G3
Fārs □	44	D3	Finniss, C.	62	B1	Yugoslav Republic of Macedonia =			Foxe Basin	68	B3
Fársala	23	E4	Fiora →	20	C3	Macedonia ■ . . .	22	D3	Foxe Chan. . . .	68	B2
Fartak, Rās	47	E3	Firat = Furāt, Nahr al →	47	E6	Fórmia	20	D4	Foxe Pen.	68	B3
Farvel, Kap	68	C6	Firenze	20	C3	Formosa =			Foxton	64	D6
Fāryāb □	45	B6	Firozabad	42	F11	Taiwan ■	35	D7	Foz do Gregório	91	E4
Fasā	44	D3	Firozpur	42	D9	Formosa	94	B5	Foz do Iguaçu . .	94	B6
Fasano	21	D6	Firūzābād	44	D3	Formosa, Serra . .	93	E3	Franca	93	G4
Fastiv	17	C9	Firūzkūh	44	C3	Formosa Bay . . .	57	E8	Francavilla		
Fastov = Fastiv .	17	C9	Fish →	58	D3	Formosa Bay . . .	57	E8	Fontana	21	D6
Fatagar, Tanjung	39	E4	Fishguard	11	E4	Føroyar =			France ■	13	C5
Fatehgarh	42	F11	Fitri, L.	53	F2	Føroyar	6	C4	Frances	62	C3
Fatehpur, Raj., India	42	F9	Fitz Roy	95	F3	Føroyar	6	C4	Franceville	56	E2
Fatehpur, Ut. P., India	40	E3	Fiume = Rijeka . .	20	B5	Forrest	62	C3	Frache-Comté . .	13	C6
Favara	21	F4	Fizi	57	E5				Francistown . . .	59	C5
			Flagstaff	83	C7				Frankfurt,		
									Brandenburg,		
									Germany	15	B8
									Frankfurt,		
									Hessen,		
									Germany	14	C5
									Fränkische Alb	15	D6

Franklin B.

Franklin B.	70	B7	Fulda	14	C5	Galway	11	E2	Gaspé, C. de ..	69	D4
Franklin I.	96	B15	Fulda →	14	C5	Galway B.	11	E2	Gaspé, Pén. de	69	D4
Franklin Mts. ..	70	B7	Fullerton	82	D4	Gambaga	55	F4	Gasteiz = Vitoria	19	A4
Franklin Str. ...	70	A10	Funabashi	32	B7	Gambela	53	G5	Gastonia	75	B7
Frankston	63	C4	Funchal	54	B1	Gambia ■	55	F1	Gastre	95	E3
Frantsa Iosifa,			Fundación	90	A4	Gambia →	55	F1	Gata, C. de	19	D4
Zemlya	28	A6	Fundão	18	B2	Gambier Is. ...	62	C2	Gata, Sierra de	18	B2
Franz	69	D2	Fundy, B. of ...	69	D4	Gamboma	56	E3	Gateshead	11	D6
Franz Josef			Funtua	55	F6	Gan Jiang → ..	35	D6	Gauhati ...▲...	41	D8
Land =			Furāt, Nahr			Ganāveh	44	D2	Gavāter	45	E5
Frantsa Iosifa,			at →	47	E6	Gāncä	25	E6	Gávdhos	23	G5
Zemlya	28	A6	Furneaux Group	62	D4	Gand = Gent ..	14	C2	Gävle	8	F11
Fraser →	71	D7	Fürstenwalde ..	15	B8	Ganda	58	A2	Gawilgarh Hills	43	J10
Fraser I.	63	A5	Fürth	14	D6	Gandak →	40	E5	Gawler	62	B2
Fraserburgh ...	10	C5	Fury and Hecla			Gandava	42	E5	Gaxun Nur	34	B5
Fray Bentos ...	94	C5	Str.	68	B2	Gander	69	D5	Gaya, India ...	40	E5
Fredericksburg	73	E7	Fusagasuga ...	90	C4	Gandhi Sagar ..	43	G9	Gaya, Niger ...	55	F5
Fredericton ...	69	D4	Fushun	35	B7	Gandi	55	F6	Gayndah	63	A5
Fredrikstad	9	G10	Futuna	64	L12	Gandía	19	C5	Gaysin =		
Freeport,			Fuxin	35	B7	Ganedidalem =			Haysyn	17	D9
Bahamas ...	86	A4	Fuyuan	35	B8	Gani	39	E3	Gayvoron =		
Freeport, U.S.A.	77	D10	Fuzhou	35	D6	Ganga →	41	F8	Hayvoron ...	17	D9
Freetown	55	G2	Fyn	9	G10	Ganganagar ...	42	E8	Gaza	47	E3
Fregenal de la						Gangara	55	F6	Gaziantep	46	C4
Sierra	18	C2				Gangaw	41	F10	Gazli	29	E7
Freibourg =						Gangdisê Shan	40	B3	Gdańsk	16	A4
Fribourg	13	C7				Ganges =			Gdańska, Zatoka	16	A4
Freiburg	14	E4				Ganga →	41	F8	Gdov	24	B2
Freire	95	D2				Gangtok	41	D7	Gdynia	16	A4
Freising	15	D6				Gani	39	E3	Gebe	39	D3
Freistadt	15	D8				Gansu □	34	C5	Gebeit Mine ...	52	D6
Fréjus	13	E7				Ganta	55	G3	Gebze	22	D7
Fremont	82	B2				Gantheaume, C.	62	C2	Gedaref	53	F6
French						Gantsevichi =			Gede, Tanjung	37	F3
Guiana ■ ...	92	B3				Hantsavichy .	17	B8	Gediz →	23	E6
French						Ganyem	39	E6	Gedser	9	H10
Polynesia ■ .	65	M16				Ganzhou	35	D6	Geelong	63	C3
Fresco →	92	D3				Gaoua	55	F4	Geesthacht ...	14	B6
Freshfield, C. .	96	A14				Gaoual	55	F2	Geidam	53	F1
Fresnillo	84	C4				Gaoxiong	35	D7	Geili	53	E5
Fresno	82	B3				Gap	13	D7	Geita	57	E6
Freycinet Pen. .	62	D4				Gar	34	C2	Gejiu	34	D5
Fria, C.	58	B2				Garabogazköl			Gela	21	F5
Frías	94	B3				Aylagy	29	E6	Geladi	49	F4
Fribourg	13	C7				Garanhuns	92	D6	Gelehun	55	G2
Friedrichshafen	14	E5				Garawe	55	H3	Gelibolu	23	D6
Friendly Is. =						Gard	49	F4	Gelsenkirchen .	14	C4
Tonga ■	65	L13				Garda, L. di ...	20	B3	Gemas	37	D2
Frobisher B. ...	68	B4				Garden City ...	78	A3	Gemena	56	D3
Frobisher Bay =						Garden Grove .	82	D4	Gemerek	46	C4
Iqaluit	68	B4				Gardêz	42	C6	Gemlik	23	D7
Frome, L.	62	B2				Gargano, Mte. .	20	D5	General Acha .	94	D4
Frome Downs .	62	B2				Garigliano → .	20	D4	General Alvear,		
Front Range ...	81	E11				Garland	81	E7	Buenos Aires,		
Frosinone	20	D4				Garm	29	F8	Argentina ...	94	D5
Frunze =						Garmisch-			General Alvear,		
Bishkek	29	E8				Partenkirchen	14	E6	Mendoza,		
Frutal	93	F4				Garmsār	44	C3	Argentina ...	94	D3
Frýdek-Místek .	16	D4				Garoe	49	F4	General Artigas	94	B5
Fuchou =						Garonne → ..	12	D3	General		
Fuzhou	35	D6				Garoua	53	G1	Belgrano	94	D5
Fuengirola	18	D3				Garrison Res. =			General Guido .	94	D5
Fuentes de						Sakakawea, L.	76	B4	General Juan		
Oñoro	18	B2				Garry, L.	70	B9	Madariaga ..	94	D5
Fuerte →	84	B3				Garsen	57	E8	General La		
Fuerte Olimpo .	91	H7				Garvie Mts. ...	65	F3	Madrid	94	D4
Fuerteventura .	54	C2				Garwa =			General		
Fuhai	34	B3				Garoua	53	G1	MacArthur ..	38	B3
Fuji-San	32	B6				Gary	72	D2	General Martin		
Fujian □	35	D6				Garzê	34	C5	Miguel de		
Fujinomiya	32	B6				Garzón	90	C3	Güemes	94	A4
Fujisawa	32	B6				Gasan Kuli =			General Paz ...	94	B5
Fukien =						Hasan Kuli ..	29	F6	General Pico ...	94	D4
Fujian □	35	D6				Gascogne	12	E4	General Pinedo	94	B4
Fukuchiyama ..	32	B4				Gascogne, G. de	12	D2	General Santos	38	C3
Fukui	32	A5				Gascony =			General Villegas	94	D4
Fukuoka	32	C2				Gascogne ...	12	E4	Geneva =		
Fukushima	33	G12				Gashaka	55	G7	Genève	13	C7
Fukuyama	32	B3				Gaspé	69	D4			

G

Gabela	56	G2	Galway	11	E2
Gabès	54	B7	Gainesville, Fla.,		
Gabès, G. de ..	52	B1	U.S.A.	75	E6
Gabon ■	56	E2	Gainesville, Ga.,		
Gaborone	59	C5	U.S.A.	75	B6
Gabrovo	22	C5	Gainesville,		
Gachsārān	44	D2	Tex., U.S.A. .	78	C5
Gadag	43	M9	Gairdner, L. ...	62	B2
Gadarwara	43	H11	Galangue	58	A3
Gadhada	43	J7	Galashiels	10	D5
Gadsden	74	B4	Galați	17	F9
Gadwal	43	L10	Galatina	21	D7
Gafsa	54	B6	Galcaio	49	F4
Gagnoa	55	G3	Galdhøpiggen .	8	F9
Gagnon	69	C4	Galela	39	D3
Gaillimh =			Galesburg	77	E9
Galway	11	E2	Galich	24	B5
Gainesville, Fla.,			Galicia □	18	A2
U.S.A.	75	E6	Galilee, Sea of		
Gainesville, Ga.,			= Yam		
U.S.A.	75	B6	Kinneret	46	D3
Gainesville,			Gallabat	53	F6
Tex., U.S.A. .	78	C5	Gállego →	19	B5
Gairdner, L. ...	62	B2	Gallegos → ..	95	G3
Galangue	58	A3	Gallinas, Pta. .	90	A4
Galashiels	10	D5	Gallipoli =		
Galați	17	F9	Gelibolu	23	D6
Galatina	21	D7	Gallípoli	21	D6
Galcaio	49	F4	Gällivare	8	E12
Galdhøpiggen .	8	F9	Galloway, Mull		
Galela	39	D3	of	11	D4
Galesburg	77	E9	Kinneret	46	D3
Galich	24	B5	Gallabat	53	F6
Galicia □	18	A2	Gállego →	19	B5
Galilee, Sea of			Gallegos → ..	95	G3
= Yam			Gallinas, Pta. .	90	A4
Kinneret	46	D3	Gallipoli =		
Gallabat	53	F6	Gelibolu	23	D6
Gállego →	19	B5	Gallípoli	21	D6
Gallegos → ..	95	G3	Gällivare	8	E12
Gallinas, Pta. .	90	A4	Galloway, Mull		
Gallipoli =			of	11	D4
Gelibolu	23	D6	Kinneret	46	D3
Gallípoli	21	D6	Gallabat	53	F6
Gällivare	8	E12	Gállego →	19	B5
Galloway, Mull			Gallegos → ..	95	G3
of	11	D4	Gallinas, Pta. .	90	A4
Kinneret	46	D3	Gallipoli =		
Gallabat	53	F6	Gelibolu	23	D6
Gállego →	19	B5	Gallípoli	21	D6
Gallegos → ..	95	G3	Gällivare	8	E12
Gallinas, Pta. .	90	A4	Galloway, Mull		
Gallipoli =			of	11	D4
Gelibolu	23	D6	Kinneret	46	D3
Gallípoli	21	D6	Gallabat	53	F6
Gällivare	8	E12	Gállego →	19	B5
Galloway, Mull			Gallegos → ..	95	G3
of	11	D4	Gallinas, Pta. .	90	A4
Kinneret	46	D3	Gallipoli =		
Gallabat	53	F6	Gelibolu	23	D6
Gállego →	19	B5	Gallípoli	21	D6
Gallegos → ..	95	G3	Gällivare	8	E12
Gallinas, Pta. .	90	A4	Galloway, Mull		
Gallipoli =			of	11	D4
Gelibolu	23	D6	Kinneret	46	D3
Gallípoli	21	D6	Gallabat	53	F6
Gällivare	8	E12	Gállego →	19	B5
Galloway, Mull			Gallegos → ..	95	G3
of	11	D4	Gallinas, Pta. .	90	A4
Kinneret	46	D3	Gallipoli =		
Gallabat	53	F6	Gelibolu	23	D6
Gállego →	19	B5	Gallípoli	21	D6
Gallegos → ..	95	G3	Gällivare	8	E12
Gallinas, Pta. .	90	A4	Galloway, Mull		
Gallipoli =			of	11	D4
Gelibolu	23	D6	Kinneret	46	D3
Gallípoli	21	D6	Gallabat	53	F6
Gällivare	8	E12	Gállego →	19	B5
Galloway, Mull			Gallegos → ..	95	G3
of	11	D4	Gallinas, Pta. .	90	A4
Kinneret	46	D3	Gallipoli =		
Gallabat	53	F6	Gelibolu	23	D6
Gállego →	19	B5	Gallípoli	21	D6
Gallegos → ..	95	G3	Gällivare	8	E12
Gallinas, Pta. .	90	A4	Galloway, Mull		
Gallipoli =			of	11	D4
Gelibolu	23	D6	Kinneret	46	D3
Gallípoli	21	D6	Gallabat	53	F6
Gällivare	8	E12	Gállego →	19	B5
Galloway, Mull			Gallegos → ..	95	G3
of	11	D4	Gallinas, Pta. .	90	A4
Kinneret	46	D3	Gallipoli =		
Gallabat	53	F6	Gelibolu	23	D6
Gállego →	19	B5	Gallípoli	21	D6
Gallegos → ..	95	G3	Gällivare	8	E12
Gallinas, Pta. .	90	A4	Galloway, Mull		
Gallipoli =			of	11	D4
Gelibolu	23	D6	Kinneret	46	D3
Gallípoli	21	D6	Gallabat	53	F6
Gällivare	8	E12	Gállego →	19	B5
Galloway, Mull			Gallegos → ..	95	G3
of	11	D4	Gallinas, Pta. .	90	A4
Kinneret	46	D3	Gallipoli =		
Gallabat	53	F6	Gelibolu	23	D6
Gállego →	19	B5	Gallípoli	21	D6
Gallegos → ..	95	G3	Gällivare	8	E12
Gallinas, Pta. .	90	A4	Galloway, Mull		
Gallipoli =			of	11	D4
Gelibolu	23	D6	Kinneret	46	D3
Gallípoli	21	D6	Gallabat	53	F6
Gällivare	8	E12	Gállego →	19	B5
Galloway, Mull			Gallegos → ..	95	G3
of	11	D4	Gallinas, Pta. .	90	A4
Kinneret	46	D3	Gallipoli =		
Gallabat	53	F6	Gelibolu	23	D6
Gállego →	19	B5	Gallípoli	21	D6
Gallegos → ..	95	G3	Gällivare	8	E12
Gallinas, Pta. .	90	A4	Galloway, Mull		
Gallipoli =			of	11	D4
Gelibolu	23	D6	Kinneret	46	D3
Gallípoli	21	D6	Gallabat	53	F6
Gällivare	8	E12	Gállego →	19	B5
Galloway, Mull			Gallegos → ..	95	G3
of	1				

Granada

Geneva, L. =			Gia Lai = Pleiku	36	B3	Gmunden	15	E7	Gorkovskoye		
Léman, L.	13	C7	Gian	38	C3	Gnieszno	16	B3	Vdkhr.	24	B5
Genève	13	C7	Giarabub = Al			Go Cong	36	B3	Görlitz	15	C8
Genil →	18	D3	Jaghbūb	52	C3	Goa	43	M8	Gorlovka =		
Gennargentu,			Giarre	21	F5	Goa □	43	M8	Horlivka	25	D4
Mti. del	21	D2	Gibraltar ■	18	D3	Goalen Hd.	63	C5	Gorna		
Genoa =			Gibraltar, Str. of	18	E3	Goalpara	41	D8	Dzhumayo =		
Génova	20	B2	Gibson Desert	60	E4	Goba, Ethiopia	49	F2	Blagoevgrad	22	C4
Genoa	63	C4	Gidole	53	G6	Goba, Mozam.	59	D6	Gorna		
Génova	20	B2	Giessen	14	C5	Gobabis	58	C3	Oryakhovitsa	22	C5
Génova, G. di	20	C2	Gifu	32	B5	Gobi	35	B6	Gorno-Altay □	29	D9
Gent	14	C2	Giglio	20	C3	Gochas	58	C3	Gorno-Altaysk	29	D9
Georgia, Zemlya	28	A5	Gijón	18	A3	Godavari →	40	J4	Gorno Slinkino		
George	58	E4	Gila →	82	D5	Godavari Point	40	J4	=		
George →	68	C4	Gilān □	46	C7	Godhra	43	H8	Gornopravdinsk		
George, L.,			Gilbert Is.	64	J12	Gods →	71	C10	.....	29	C8
N.S.W.,			Gilgandra	63	B4	Gods L.	71	C10	Gornopravdinsk	29	C8
Australia	63	C4	Gilgit	42	B9	Godthåb	68	B5	Gorodenka =		
George, L.,			Gilles, L.	62	B2	Godwin Austen			Horodenka	17	D7
S. Austral.,			Gilmore	63	C4	= K2	42	B10	Gorodok =		
Australia	62	C3	Gimbi	53	G6	Goeie Hoop,			Horodok	17	D6
George, L.,			Gin Gin	63	A5	Kaap die =			Gorokhov =		
Uganda	57	D6	Ginir	49	F3	Good Hope, C.			Horokhiv	17	C7
George River =			Giohar	49	G4	of	58	E3	Gorontalo	39	D2
Kangiqsualujuaq			Gióna, Óros	23	E4	Gogra =			Gorzów		
.....	68	C4	Girardot	90	C4	Ghaghara →	40	E5	Wielkopolski	16	B2
George Sound	65	F2	Giresun	46	B4	Goiânia	93	F4	Gosford	63	B5
George Town	36	C2	Girga	52	C5	Goiás	93	F3	Goslar	14	C6
George V Land	96	A14	Giridiḥ	40	E6	Goiás □	93	E4	Gospič	20	B5
George VI			Girilambone	63	B4	Goio-Ere	94	A6	Göta kanal	9	G11
Sound	96	B3	Girne = Kyrenia	46	D3	Gojra	42	D8	Göteborg	9	G10
Georgetown,			Girona =			Gökçeada	23	D5	Gotha	14	C6
Gambia	55	F2	Gerona	19	B7	Gokteik	41	F11	Gothenburg =		
Georgetown,			Gironde →	12	D3	Gold Coast	63	A5	Göteborg	9	G10
Guyana	90	B7	Girvan	10	D4	Golden Gate	80	G2	Gotland	9	G11
Georgia □	75	C6	Gisborne	64	C8	Goldsboro	75	B9	Göttingen	14	C5
Georgia ■	25	E5	Gisenyi	57	E5	Goleńiów	16	B2	Gottwaldov =		
Georgian B.	69	D2	Gitega	57	E5	Golfo Aranci	20	D2	Zlin	16	D3
Georgiu-Dezh =			Giuba →	49	G3	Golspie	10	C5	Gouda	14	B3
Liski	24	C4	Giurgiu	22	C5	Goma	57	E5	Gouin, Rés.	69	D3
Georgiyevsk	25	E5	Giza = El Gîza	52	C5	Gomel =			Goulburn	63	B4
Gera	15	C7	Giżycko	16	A5	Homyel	17	B10	Gounou-Gaya	53	G2
Geral de Goiás,			Gjirokastra	23	D3	Gomera	54	C1	Gouri	53	E2
Serra	93	E4	Gjoa Haven	70	B10	Gómez Palacio	84	B4	Gourma		
Geraldton	60	F1	Glace Bay	69	D5	Gomogomo	39	F4	Rharous	55	E4
Gerede	46	B3	Gladstone,			Gomoh	40	F6	Gourock Ra.	63	C4
Gereshk	42	D4	Queens.,			Gompa = Ganta	55	G3	Governador		
Gerlogubi	49	F4	Australia	61	E9	Gonābād	44	C4	Valadares	93	F5
Germany ■	14	C6	Gladstone,			Gonaïves	87	C5	Gowd-e Zirreh	42	E3
Germiston	59	D5	S. Austral.,			Gonbab-e Kāvūs	44	B3	Goya	94	B5
Gerona	19	B7	Australia	62	B2	Gonda	40	D3	Goyder Lagoon	62	A2
Geser	39	E4				Gonder	53	F6	Goyllarisquisga	91	F3
Getafe	18	B4	Glāma =			Gönen	23	D6	Goz Beïda	53	F3
Gettysburg	73	E7	Glomma →	9	G10	Gonghe	34	C5	Gozo	21	F5
Getz Ice Shelf	96	B18	Glasgow	10	D4	Gongolgon	63	B4	Graaff-Reinet	58	E4
Ghaghara →	40	E5	Glazov	28	D6	Goniri	53	F1	Gračac	20	B5
Ghana ■	55	G4	Gleiwitz =			Good Hope, C.			Gracias a Dios,		
Ghanzi	58	C4	Gliwice	16	C4	of	58	E3	C.	86	D3
Ghardaïa	54	B5	Glen Canyon			Goodooga	63	A4	Grado	18	A2
Gharyān	52	B1	National			Goolgowi	63	B4	Gradule	63	A4
Ghat	54	D7	Recreation			Goombalie	63	A4	Grafton	63	A5
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Kolskiy			Koro, Mali	55	F4	Kramatorsk	25	D4	Kualasimpang	37	D1
Poluostrov	28	C4	Korogwe	57	F7	Kranj	20	A5	Kuandang	39	D2
Kolwezi	57	G5	Koroit	62	C3	Kraśnik	16	C6	Kuangchou =		
Kolyma →	31	C13	Koror	38	C4	Krasnoarmeysk	29	D5	Guangzhou	35	D6
Komárno	16	E4	Körös →	16	E5	Krasnodar	25	D4	Kuantan	37	D2
Komatsu	32	A5	Korosten	17	C9	Krasnoperekopsk			Kuba = Quba	25	E6
Komi □	28	C6	Korostyshev	17	C9		25	D3	Kuban →	25	D4
Kommunarsk =			Korti	53	E5	Krasnoselkupsk	28	C9	Kucing	37	D4
Alchevsk	25	D4	Kortrijk	14	C2	Krasnoturinsk	28	D7	Kuda	43	H7
Kommunizma,			Kos	23	F6	Krasnoufimsk	29	D6	Kudat	36	C5
Pik	29	F8	Kościan	16	B3	Krasnouralsk	29	D7	Kudymkar	28	D6
Komodo	39	F1	Kosciuszko, Mt.	63	C4	Krasnovodsk =			Kueiyang =		
Komono	56	E2	Kosha	52	D5	Krasnowodsk	29	E6	Guiyang	35	D5
Komorān, Pulau	39	F5	K'oshih = Kashi	34	C2	Krasnowodsk	29	E6	Kufra Oasis = Al		
Komotini	22	D5	Košice	16	D5	Krasnoyarsk	30	D7	Kufrah	52	D3
Kompong Cham	36	B3	Kosovo □	22	C3	Krasnyy Luch	25	D4	Kufstein	15	E7
Kompong			Kosovska-			Krasnyy Yar	25	D6	Kugluktuk	70	B8
Chhnang	36	B2	Mitrovica	22	C3	Kratie	36	B3	Kūh-e 'Alijūq	44	D2
Kompong Som	36	B2	Kôstī	53	F5	Krau	39	E6	Kūh-e-Hazārām	44	D4
Komrat =			Kostopil	17	C8	Krefeld	14	C4	Kūh-e Sorkh	44	C4
Comrat	17	E9	Kostroma	24	B5	Kremen	20	B5	Kūh-e Taftān	45	D5
Komsomolets,			Kostrzyn	16	B2	Kremenchug =			Kūhak	42	F3
Ostrov	30	A7	Koszalin	16	A3	Kremenchuk	24	D3	Kūhhā-ye-		
Konarhá □	42	B7	Kota	43	G9	Kremenchuk	24	D3	Bashākerd	45	E4
Konch	42	G11	Kota Baharu	36	C2	Kremenchuksk			Kūhpāyeh	44	C3
Kondoa	57	E7	Kota Belud	36	C5	Vdskh.	24	D3	Kuito	58	A3
Konduga	53	F1	Kota Kinabalu	36	C5	Kremenets	17	C7	Kujū-San	32	C2
Köneürgench	29	E6	Kota Tinggi	37	D2	Krems	15	D8	Kukawa	53	F1
Kong	55	G4	Kotaagung	37	F2	Kribi	56	D1	Kukësi	22	C3
Kong, Koh	36	B2	Kotabaru	37	E5	Krichev =			Kula	23	E7
Konglu	41	D11	Kotabumi	37	E2	Krychaw	17	B10	Kulasekarappattinam		
Kongolo	57	F5	Kotamobagu	39	D2	Krishna →	40	K3		43	Q11
Kongor	53	G5	Kotawaringin	37	E4	Krishnanagar	41	F7	Kuldja = Yining	34	B3
Königsberg =			Kotelnich	24	B6	Kristiansand	9	G9	Külob	29	F7
Kaliningrad	24	C1	Kotelnyy, Ostrov	31	B11	Kristiansund	8	F9	Kulsary	29	E6
Konin	16	B4	Kotka	9	F13	Kriti	23	G5	Kulunda	29	D8
Konjic	20	C6	Kotlas	28	C5	Krivoy Rog =			Kulwin	62	C3
Konosha	28	C5	Kotli	42	C8	Kryvyy Rih	25	D3	Kulyab = Külob	29	F7
Konotop	24	C3	Kotor	22	C2	Krk	20	B5	Kum Tekei	29	E8
Konqi He →	34	B4	Kotovsk	17	E9	Kronprins Olav			Kuma →	25	E6
Końskie	16	C5	Kotri	42	G6	Kyst	96	A9	Kumagaya	32	A6
Konstanz	14	E5	Kottayam	43	Q10	Kronshtadt	24	B2	Kumai	37	E4
Kontagora	55	F6	Kotturu	43	M10	Kroonstad	59	D5	Kumamba,		
Kontum	36	B3	Kotuy →	30	B8	Kropotkin,			Kepulauan	39	E5
Konya	46	C3	Kotzebue	71	B3	Irkutsk, Russia	30	D9	Kumamoto	32	C2
Konya Ovası	46	C3	Kouango	56	D4	Kropotkin,			Kumanovo	22	C3
Konza	57	E7	Koudougou	55	F4	Krasnodar,			Kumara	65	E4
Kooloonong	62	B3	Kouilou →	56	E2	Russia	25	D5	Kumasi	55	G4
Koondrook	63	C3	Kouki	56	C3	Krosno	16	D5	Kumayri =		
Koonibba	62	B1	Koula Moutou	56	E2	Krotoszyn	16	C3	Gyumri	25	E5
Koorawatha	63	B4	Koulen	36	B2	Krugersdorp	59	D5	Kumba	56	D1
Kootenay L.	71	D8	Koulikoro	55	F3				Kumbakonam	43	P11

Kumbarilla	63	A5	Kuzey Anadolu		La Palma,		Lagunas, Peru . . .	90	E3	
Kumo	55	F7	Dağlan	46	Canary Is. . . .	54	C1	Lahad Datu . . .	38	C1
Kumon Bum . . .	41	D11	Kuznetsk	24	La Palma,			Lahat	37	E2
Kunama	63	C4	Kvarner	20	Panama	86	E4	Lahewa	37	D1
Kungala	63	A5	Kvarnerič	20	La Palma del			Lāhījān	46	C7
Kungrad =			Kwakoegron . . .	92	Condado	18	D2	Lahn →	14	C4
Qūnghiot	29	E6	Kwamouth	56	La Paragua . . .	90	B6	Lahore	42	D9
Kungur	29	D6	Kwando → . . .	58	La Paz,			Lahti	8	F13
Kunlong	41	F12	Kwangju	35	Entre Ríos,			Lahtis = Lahti . .	8	F13
Kunlun Shan . .	34	C3	Kwangsi-Chuang		Argentina . . .	94	C5	Laï	53	G2
Kunming	34	D5	= Guangxi		La Paz, San Luis,			Laibin	35	D5
Kunsan	35	C7	Zhuangzu		Argentina . . .	94	C3	Laidley	63	A5
Kunya-Urgench			Zizhiqu □ . . .	35	La Paz, Bolivia .	91	G5	Laila = Laylá . .	47	G6
=			Kwangtung =		La Paz, Mexico .	84	C2	Lairg	10	B4
Köneürgenç . .	29	E6	Guangdong □ .	35	La Pedrera . . .	90	D5	Lajere	55	F7
Kuopio	8	F13	Kwatisore	39	La Plata	94	D5	Lajes	94	B6
Kupa →	20	B6	Kweichow =		La Quiaca	94	A3	Lake Cargelligo .	63	B4
Kupyansk	28	E4	Guizhou □ . .	35	La Rioja	94	B3	Lake Charles . .	79	D7
Kuqa	34	B3	Kwekwe	59	La Rioja □ . . .	19	A4	Lake City	75	D6
Kür →	25	E6	Kwidzyn	16	La Robla	18	A3	Lake Harbour . .	68	B4
Kura = Kür →	25	E6	Kwoka	39	La Roche-sur-			Lake Worth . . .	75	F7
Kurashiki	32	B3	Kyabé	53	Yon	12	C3	Lakeland	75	E7
Kurayoshi	32	B3	Kyabra Cr. → .	63	La Rochelle . . .	12	C3	Lakes Entrance .	63	C4
Kürdzhali	22	D5	Kyabram	63	La Roda	19	C4	Lakewood	72	D5
Kure	32	B3	Kyancutta	62	La Romana . . .	87	C6	Lakonikós		
Kurgaldzhinskiy	29	D8	Kyangin	41	La Serena	94	B2	Kólpos	23	F4
Kurgan	29	D7	Kyaukpadaung .	41	La Seyne-sur-			Lakor	39	F3
Kuria Maria Is.			Kyaukpyu	41	Mer	13	E6	Lakota	55	G3
= Khūrīyā			Kyaukse	41	La Spézia	20	B2	Lakshadweep Is.	26	H11
Mūrīyā, Jazā			Kyle Dam	59	La Tortuga . . .	87	D6	Lala Ghat	41	E9
'ir	48	D6	Kyneton	63	La Tuque	69	D3	Lalibela	53	F6
Kurigram	41	E7	Kyō-ga-Saki . .	32	La Unión	95	E2	Lalín	18	A1
Kuril Is. =			Kyoga, L.	57	La Urbana	90	B5	Lalitapur =		
Kurilskiye			Kyogle	63	La Vega	87	C5	Patan	40	D5
Ostrova	31	E12	Kyongpyaw . . .	41	Labe = Elbe →	14	B5	Lamaing	41	K11
Kurilskiye			Kyōto	32	Labé	55	F2	Lamas	91	E3
Ostrova	31	E12	Kyrenia	46	Labis	37	D2	Lambaréné . . .	56	E2
Kurmuk	53	F5	Kyrgyzstan ■ .	29	Laboulaye	94	C4	Lambert Glacier .	96	B10
Kurnool	43	L11	Kystatyam . . .	30	Labrador, Coast			Lame	55	F6
Kurow	65	F4	Kytal Ktakh . .	31	of □	69	C4	Lamego	18	B2
Kurrajong	63	B5	Kyunhla	41	Lábrea	91	E6	Lameroo	62	C3
Kurri Kurri . . .	63	B5	Kyūshū	32	Labuan, Pulau .	36	C5	Lamía	23	E4
Kursk	24	C4	Kyūshū-Sanchi .	32	Labuha	39	E3	Lamon Bay . . .	38	B2
Kuruktag	34	B3	Kyustendil . . .	22	Labuhanbajo . .	39	F2	Lampa	91	G4
Kuruman	58	D4	Kyusyur	30	Labuk, Telok . .	36	C5	Lampedusa . . .	21	G4
Kurume	32	C2	Kywong	63	Labyrinth, L. . .	62	B2	Lampione	21	G4
Kus Gölü	23	D6	Kyyiv	17	Labytnangi . . .	28	C7	Lampung □ . . .	37	F2
Kuşadası	23	F6	Kyyivske Vdskh. .	17	Lac La Biche . .	71	C8	Lamu	57	E8
Kushiro	32	F12	Kyzyl Kum . . .	29	Lac la Martre . .	70	B8	Lanai I.	82	H12
Kushtia	41	F7	Kyzyl-Kyya . . .	29	Lacanau	12	D3	Lanak La	42	B11
Kuskokwim →	71	B3	Kzyl-Orda =		Laccadive Is. =			Lanak'o		
Kuskokwim B. .	71	C3	Qyzylorda . . .	29	Lakshadweep			Shank'ou =		
Kustanay =					Is.	26	H11	Lanak La	42	B11
Qostanay	29	D7			Lacepede B. . . .	62	C2	Lanao, L.	38	C2
Kütahya	46	C2			Lachine	69	D3	Lancaster, U.K. .	11	D5
Kutaisi	25	E5			Lachlan → . . .	63	B3	Lancaster,		
Kutaraja =					Lackawanna . . .	73	C6	U.S.A.	73	D7
Banda Aceh . .	36	C1			Lacombe	71	C8	Lancaster Sd. . .	68	A2
Kutch, Gulf of =					Ladakh Ra. . . .	42	B10	Lanchow =		
Kachchh, Gulf					Lādīz	45	D5	Lanzhou	35	C5
of	43	H6			Ladoga, L. =			Lanciano	20	C5
Kutch, Rann of					Ladozhskoye			Landeck	14	E6
= Kachchh,					Ozero	28	C4	Landes	12	D3
Rann of	43	G6			Ladozhskoye			Landi Kotal . . .	42	B7
Kutno	16	B4			Ozero	28	C4	Land's End . . .	11	F4
Kutu	56	E3			Ladysmith,			Landshut	15	D7
Kutum	53	F3			Canada	71	D7	La'nga Co	40	B3
Kuujuaq	68	C4			Ladysmith,			Langkawi, P. . .	36	C1
Kuwait = Al					S. Africa	59	D5	Langkon	36	C5
Kuwayt	47	E7			Lae	61	B8	Langres	13	C6
Kuwait ■	47	E6			Lafayette	79	D7	Langres, Plateau		
Kuwana	32	B5			Lafia	55	G6	de	13	C6
Kuybyshev =					Laghmān □ . . .	45	C7	Langsa	36	D1
Samara	24	C7			Laghout	54	B5	Languedoc . . .	13	E5
Kuybyshev . . .	29	D8			Lagonoy Gulf . .	38	B2	Langzhong . . .	35	C5
Kuybyshevskoye					Lagos, Nigeria .	55	G5	Lannion	12	B2
Vdkhr.	24	B6			Lagos, Portugal .	18	D1	Lansdowne . . .	63	B5
Kūysanjaq	46	C6			Laguna	94	B7	Lansing	72	C3
Kuyumba	30	C7			Lagunas, Chile .	91	H5	Lanusei	21	E2

Lanzarote

Lanzarote	54	C2	Le Puy-en-Velay 13	D5	Léopoldville =	Liège	14	C3
Lanzhou	35	C5	Le Touquet-		Kinshasa	Liegnitz =		
Laoag	38	A2	Paris-Plage . .	12	A4	Legnica	16	C3
Laoang	38	B3	Le Tréport . . .	12	A4	Lienyünciangshih		
Laon	13	B5	Le Verdon-sur-			=		
Laos ■	36	A3	Mer	12	D3	Lianyungang	35	C6
Lapa	94	B7	Leamington Spa			Lienz	15	E7
Laparan	38	C1	= Royal			Liepāja	24	B1
Lapland =			Leamington			Liffey →	11	E3
Lapland	8	E12	Spa	11	E6	Lifford	11	D3
Lapland	8	E12	Leandro Norte			Lightning Ridge	63	A4
Lapseki	23	D6	Alem	94	B5	Liguria □	20	B2
Lapte Sea	30	B10	Leavenworth . .	77	F7	Ligurian Sea . . .	20	C2
L'Águila	20	C4	Lebak	38	C2	Lijiang	34	D5
Lār	44	E3	Lebanon ■	46	D3	Likasi	57	G5
Larache	54	A3	Łębork	16	A3	Lille	13	A5
Laramie	76	E2	Lebrija	18	D2	Lillehammer . . .	8	F10
Larantuka	39	F2	Lebu	94	D2	Lilongwe	59	A6
Larap	38	B2	Lecce	23	D2	Liloy	38	C2
Larat	39	F4	Lecco	20	B2	Lim →	20	C7
Laredo	78	F4	Lech →	14	D6	Lima, Indonesia	39	E3
Lariang	39	E1	Łęczycza	16	B4	Lima, Peru	91	F3
Lárisa	23	E4	Leduc	71	C8	Lima, U.S.A. . . .	72	D3
Larnaca	46	D3	Leeds	11	E6	Lima →	18	B1
Larne	11	D4	Leer	14	B4	Limassol	46	D3
Larrimah	60	D5	Leeton	63	B4	Limay Mahuida	94	D3
Larsen Ice Shelf	96	A3	Leeuwarden . . .	14	B3	Limbang	36	D5
Larvik	9	G9	Leeuwin, C. . . .	60	G2	Limbe	56	D1
Laryak	29	C8	Leeward Is. . . .	87	C7	Limbri	63	B5
Las Anod	49	F4	Leganés	18	B4	Limburg	14	C5
Las Cruces	83	D9	Legazpi	38	B2	Limeira	94	A7
Las Flores	94	D5	Leghorn =			Limerick	11	E2
Las Khoreh	49	E4	Livorno	20	C3	Limfjorden	9	G9
Las Lajas	94	D2	Legionowo	16	B5	Limia =		
Las Lomitas	94	A4	Legnago	20	B3	Lima →	18	B1
Las Palmas	54	C1	Legnica	16	C3	Limnos	23	E5
Las Pipinas	94	D5	Legume	63	A5	Limoeiro do		
Las Plumas	95	E3	Leh	42	B10	Norte	92	D6
Las Rosas	94	C4	Leicester	11	E6	Limoges	12	D4
Las Varillas	94	C4	Leiden	14	B3	Limón	86	E3
Las Vegas	82	B5	Leie →	14	C2	Limousin	12	D4
Lashio	41	F11	Leine →	14	B5	Limoux	12	E5
Lassen Pk.	80	E3	Leinster □	11	E3	Limpopo →	59	D6
Lastoursville . . .	56	E2	Leipzig	15	C7	Limuru	57	E7
Lastovo	20	C6	Leiria	18	C1	Linares, Chile . .	94	D2
Latacunga	90	D3	Leitrim	11	D2	Linares, Mexico	84	C5
Latakia = Al			Leizhou Bandao	35	D6	Linares, Spain . .	18	C4
Lādhiqiyah	46	D3	Leksula	39	E3	Linchuan	35	D6
Latina	20	D4	Lékva Ori	23	G5	Lincoln,		
Latium =			Leleque	95	E2	Argentina	94	C4
Lazio □	20	C4	Léman, L.	13	C7	Lincoln, N.Z. . . .	65	E5
Latrobe	62	D4	Lemhi Ra.	81	C7	Lincoln, U.K. . . .	11	E6
Latvia ■	24	B1	Lena →	30	B10	Lincoln, U.S.A. . .	77	E6
Lauchhammer . . .	15	C7	Leninabad =			Linden	90	B7
Launceston	62	D4	Khudzhand	29	E7	Líndhos	23	F7
Laurel	79	D9	Leninakan =			Lindi	57	F7
Lauria	21	D5	Gyumri	25	E5	Lingayen	38	A2
Laurium	69	D2	Leningrad =			Lingayen G.	38	A2
Lausanne	13	C7	Sankt-			Lingen	14	B4
Laut	36	D3	Peterburg	24	B3	Lingga	37	E2
Laut Kecil,			Leninogorsk =			Lingga,		
Kepulauan	37	E5	Ridder	29	D9	Kepulauan	37	E2
Laval	12	B3	Leninsk	25	D6	Lingga Arch. =		
Lávrión	23	F5	Leninsk-			Lingga,		
Lawas	36	D5	Kuznetskiy	29	D9	Kepulauan	37	E2
Lawele	39	F2	Lenmalu	39	E4	Linguéré	55	E1
Lawng Pit	41	E11	Lens	13	A5	Lingyun	35	D5
Lawrence, N.Z. . .	65	F3	Lentini	21	F5	Linhai	35	D7
Lawrence,			Leoben	15	E8	Linhares	93	F5
U.S.A.	77	F7	Leodhas =			Linköping	9	G11
Lawton	78	B4	Lewis	10	B3	Linosa, I.	21	G4
Laylá	47	G6	León, Mexico . . .	84	C4	Lins	94	A7
Lazio □	20	C4	León, Nic.	85	E7	Linville	63	A5
Le Creusot	13	C6	León, Spain	18	A3	Linxia	34	C5
Le Havre	12	B4	León, Montañas			Linz	15	D8
Le Mans	12	C4	de	18	A2	Lion, G. du	13	E6
Le Mont-St.-			Leongatha	63	C4	Lions, G. of =		
Michel	12	B3	Léopold II, Lac			Lion, G. du	13	E6
Le Moule	87	C7	= Mai-			Lipa	38	B2
			Ndombe, L.	56	E3			

Lípari	21	E5	Loches	12	C4	Lorraine	13	B7	Lucca	20	C3
Lípari, Is. =			Lock	62	B2	Los Alamos . . .	83	C9	Lucena, <i>Phil.</i> . .	38	B2
Éólie, Ís.	21	E5	Lodhran	42	E7	Los Andes	94	C2	Lucena, <i>Spain</i> . .	18	D3
Lipcani	17	D8	Lodi, <i>Italy</i>	20	B2	Los Angeles,			Lučenec	16	D4
Lipetsk	24	C4	Lodi, <i>U.S.A.</i> . . .	80	F3	<i>Chile</i>	94	D2	Lucerne =		
Lipkany =			Lodja	56	E4	Los Angeles,			Luzern	13	C8
Lipcani	17	D8	Lodwar	57	D7	<i>U.S.A.</i>	82	C3	Lucira	58	A2
Lipovets	17	D9	Łódź	16	C4	Los Blancos . . .	94	A4	Luckenwalde . . .	15	B7
Lippe →	14	C4	Lofoten	8	E10	Los Hermanos . .	90	A6	Lucknow	40	D3
Liptrap C.	63	C4	Logan	81	E8	Los Mochis . . .	84	B3	Lüda = Dalian . .	35	C7
Lira	57	D6	Logan, Mt.	70	B5	Los Roques . . .	90	A5	Lüderitz	58	D3
Liria	19	C5	Logone →	53	F2	Los Testigos . .	90	A6	Ludhiana	42	D9
Lisala	56	D4	Logroño	19	A4	Los Vilos	94	C2	Ludwigsburg . . .	14	D5
Lisboa	18	C1	Lohardaga	40	F5	Lošinj	20	B5	Ludwigshafen . .	14	D5
Lisbon = Lisboa	18	C1	Loi-kaw	41	H11	Lot →	12	D4	Luebo	56	F4
Lisburn	11	D3	Loir →	12	C3	Lota	94	D2	Lufira →	57	F5
Lisburne, C. . . .	71	B3	Loire →	12	C2	Loubomo	56	E2	Lufkin	79	D6
Lishui	35	D6	Loja, <i>Ecuador</i> . .	90	D3	Louga	55	E1	Luga	24	B2
Lisichansk =			Loja, <i>Spain</i>	18	D3	Louis Trichardt .	59	C5	Lugano	13	C8
Lysychansk . . .	25	D4	Loji	39	E3	Louis XIV, Pte. .	69	C3	Lugansk =		
Lisieux	12	B4	Lokandu	57	E5	Louisiade Arch. .	61	C9	Luhansk	25	D4
Liski	24	C4	Lokitaung	57	D7	Louisiana □ . . .	79	D8	Lugh Ganana . . .	49	G3
Lismore	63	A5	Lokoja	55	G6	Louisville	72	E3	Lugo, <i>Italy</i>	20	B3
Lister, Mt.	96	B15	Lokolama	56	E3	Loulé	18	D1	Lugo, <i>Spain</i>	18	A2
Liston	63	A5	Loliondo	57	E7	Lourdes	12	E3	Lugoj	17	F5
Listowel	11	E2	Lom	22	C4	Louth, <i>Australia</i>	63	B4	Lugovoy	29	E8
Litang	38	C1	Lomami →	56	D4	Louth, <i>U.K.</i> . . .	11	E6	Luhansk	25	D4
Litani →	46	D3	Lombárdia □ . . .	20	B2	Louvain =			Luiana	58	B4
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Lithuania ■ . . .	24	B1	Lomblen	39	F2	Low Tatra =			Luís Correia . . .	92	C5
Litoměřice	16	C2	Lombok	37	F5	Nízke Tatry . .	16	D4	Luitpold Coast . .	96	B5
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Little Laut Is. =			Lomela	56	E4	Lower California			Luján	94	C5
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Kepulauan . . .	37	E5	Lomié	56	D2	California . . .	84	A1	Lukenie →	56	E3
Little			Lomond, L.	10	C4	Lower Hutt	65	D6	Lukolela	56	E3
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Little River	65	E5	Łomża	16	B6	Niedersachsen □			Lule älv →	8	E12
Little Rock	79	B7	Loncoche	95	D2	14	B5	Luleå	8	E12
Liukang			Londa	43	M9	Lower Tunguska			Lüleburgaz	22	D6
Tenggaja	39	F1	London	11	F6	= Tunguska,			Lulonga →	56	D3
Liuwa Plain	58	A4	Londonderry . . .	11	D3	Nizhnyaya → . .	30	C6	Lulua →	56	E4
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<i>Australia</i>	63	B5	Londrina	94	A6	Lowyar □	45	C7	Lumai	58	A4
Liverpool,			Long Beach . . .	82	D3	Loxton	62	B3	Lumbala		
<i>Canada</i>	69	D4	Long I.,			Loyalty Is. =			N'guimbo	58	A4
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Liverpool Plains	63	B5	Long I., <i>U.S.A.</i> . .	73	D9	Loyang =			Lumut, Tg.	37	E3
Liverpool Ra. . . .	63	B5	Long Xuyen	36	B3	Luoyang	35	C6	Lundazi	59	A6
Livingstone	59	B5	Longford,			Loyauté, Is. . . .	64	M11	Lundu	37	D3
Livingstonia	57	G6	<i>Australia</i>	62	D4	Loyev = Loyew . .	17	C10	Lüneburg	14	B6
Livny	24	C4	Longford,			Loyew	17	C10	Lüneburg Heath		
Livorno	20	C3	<i>Ireland</i>	11	E3	Luachimo	56	F4	= Lüneburger		
Livramento	94	C5	Longiram	37	E5	Luacono	56	G4	Heide	14	B6
Liwale	57	F7	Longlac	69	D2	Lualaba →	57	D5	Lüneburger		
Ljubljana	20	A5	Longnawan	37	D4	Luanda	56	F2	Heide	14	B6
Ljungan →	8	F11	Longreach	61	E7	Luangwa	59	B6	Lunéville	13	B7
Ljusnan →	8	F11	Longview, <i>Tex.,</i>			Luangwa → . . .	59	A6	Lunglei	41	F9
Llancanelo,			<i>U.S.A.</i>	79	C6	Luanshya	59	A5	Luni	42	G8
Salina	94	D3	Longview,			Luapula →	57	F5	Luni →	43	G7
Llanelli	11	F4	<i>Wash., U.S.A.</i> .	80	B2	Luarca	18	A2	Luninets =		
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Llanos	90	C4	Nur	34	B4	Lubalo	56	F3	Luofu	57	E5
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Llobregat → . . .	19	B7	Lopez, C.	56	E1	Lubbock	78	C3	Luozi	56	E2
Lloret de Mar . . .	19	B7	Lora →	42	D4	Lübeck	15	B6	Luremo	56	F3
Lluchmayor	19	C7	Lora, Hamun-i- . .	42	E4	Lubefu	56	E4	Lurgan	11	D3
Llullaillaco,			Lora Cr. →	62	A2	Lubero = Luofu .	57	E5	Lusaka	59	B5
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Loa →	94	A2	Lorain	72	D4	Lublin	17	C6	Lushnja	23	D2
Łobatse	59	D5	Loralai	42	D6	Lubuagan	38	A2	Lushoto	57	E7
Łobería	94	D5	Lorca	19	D5	Lubuk Antu . . .	37	D4	Luta = Dalian . .	35	C7
Lobito	58	A2	Lorestān □	46	D6	Lubuklinggau . .	37	E2	Luton	11	F6
Locarno	13	C8	Loreto	92	D4	Lubuksikaping .	37	D2	Lutong	36	D4
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Luxembourg	14	D4
Luxor = El		
Uqsur	52	C5
Luza	24	A6
Luzern	13	C8
Luzhou	35	D5
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Faisalabad	42	D8
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Lyell	65	D5
Lyepyl	24	C2
Łyna →	16	A5
Lynchburg	73	F6
Lynd Ra.	63	A4
Lyndhurst	62	B2
Lynn Lake	71	C9
Lyon	13	D6
Lyonnais	13	D6
Lyons = Lyon	13	D6
Lys = Leie →	14	C2
Lysychansk	25	D4
Lyttelton	65	E5
Lyubertsy	24	B4
Lyuboml	17	C7

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Ma'an	47	E3
Ma'anshan	35	C6
Ma'arrat an		
Nu'mān	46	D4
Maas →	14	C3
Maastricht	13	A6
Mabrouk	55	E4
Macaé	93	G5
McAllen	78	F4
Macao =		
Macau	35	D6
Macapá	92	B3
Macau	92	D6
Macau	35	D6
M'Clintock Chan.	70	A9
McComb	79	D8
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Macdougall L.	70	B10
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Macedonia	22	D3
Maceió	93	D6
Macenta	55	G3
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Reeks	11	F2
McGregor Ra.	62	A3
Mach	42	E5
Machado =		
Jiparaná →	91	E6
Machakos	57	E7
Machala	90	D3
Machilipatnam	40	J3
Machiques	90	A4

Machupicchu	91	F4
Macintyre →	63	A5
Mackay	61	E8
Mackay, L.	60	E4
Mackenzie →	70	B6
Mackenzie City		
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Mackenzie Mts.	70	B6
McKinley, Mt.	71	B4
McKinney	79	C5
Macksville	63	B5
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Maclear	59	E5
Macleay →	63	B5
McMurdo Sd.	96	B15
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Madā'in Sālih	47	F4
Madama	52	D1
Madang	61	B8
Madaoua	55	F6
Madaripur	41	F8
Madauk	41	J11
Madaya	41	F11
Maddalena	20	D2
Madeira	54	B1
Madeira →	90	D7
Madha	43	L9
Madhya		
Pradesh	43	H10
Madikeri	43	N9
Madimba	56	E3
Madīnat ash		
Sha'b	49	E3
Madingou	56	E2
Madison	77	D10
Madiun	37	F4
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Madre de		
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Madre de Dios,		
I.	95	G1
Madre		
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Sierra	84	B3
Madrid	18	B4
Madurai	43	Q11
Madurantakam	43	N11
Mae Sot	36	A1
Maebashi	32	A6
Maestrazgo,		
Mts. del	19	B5
Maevatanana	59	H9
Mafeking =		
Mafikeng	59	D5
Maffra	63	C4
Mafia I.	57	F7
Mafikeng	59	D5
Mafra, Brazil	94	B7
Mafra, Portugal	18	C1
Magadan	31	D13
Magadi	57	E7
Magallanes,		
Estrecho de	95	G2
Magangué	90	B4
Magburaka	55	G2
Magdalena,		
Argentina	94	D5

Magdalena,		
Bolivia	91	F6
Magdalena,		
Malaysia	36	D5
Magdalena →	90	A4
Magdeburg	15	B8
Magelang	37	F4
Magellan's Str.		
= Magallanes,		
Estrecho de	95	G2
Maggiore, L.	20	B2
Magnetic Pole		
(South) =		
South		
Magnetic Pole	96	A13
Magnitogorsk	29	D6
Magosa =		
Famagusta	46	D3
Maguarinho, C.	92	C4
Mağusa =		
Famagusta	46	D3
Magwe	41	G10
Mahābād	46	C6
Mahabo	59	J8
Mahagi	57	D6
Mahajanga	59	H9
Mahakam →	37	E5
Mahalapye	59	C5
Maḥallāt	44	C2
Mahanadi →	40	G6
Mahanoro	59	H9
Maharashtra	43	J9
Mahbubnagar	43	L10
Mahdia	52	A1
Mahenge	57	F7
Maheno	65	F4
Mahesana	43	H8
Mahia Pen.	64	C7
Mahilyow	17	B10
Mahón	19	C8
Mai-Ndombe, L.	56	E3
Maicurú →	92	C3
Maidstone	11	F7
Maiduguri	53	F1
Maijdi	41	F8
Maikala Ra.	40	G3
Main →	14	D5
Maine	12	C3
Maingkwan	41	D11
Mainit, L.	38	C3
Mainland,		
Orkney, U.K.	10	B5
Mainland, Shet.,		
U.K.	10	A6
Maintirano	59	H8
Mainz	14	C5
Maipú	94	D5
Maiquetía	90	A5
Mairabari	41	D9
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S. Austral.,		
Australia	62	B2
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Majene	39	E1
Maji	53	G6
Majorca =		
Mallorca	19	C7
Maka	55	F2
Makale	39	E1
Makari	56	B2
Makarikari =		
Makgadikgadi		
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Makasar =		
Ujung		
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Makasar, Selat	39	E1
Makasar, Str. of		
= Makasar,		
Selat	39	E1
Makat	29	E6
Makedhonía	23	D4
Makedonija =		
Macedonia	22	D3
Makeni	55	G2
Makeyevka =		
Makiyivka	25	D4
Makgadikgadi		
Salt Pans	59	C5
Makhachkala	25	E6
Makiañ	39	D3
Makindu	57	E7
Makinsk	29	D8
Makiyivka	25	D4
Makkah	47	G4
Makó	16	E5
Makokou	56	D2
Makoua	56	E3
Makrai	43	H10
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Makran Coast		
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Maksimkin Yar	29	D9
Mākū	46	C6
Makumbi	56	F4
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Makurdi	55	G6
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Malakāl	53	G5
Malakand	42	B7
Malang	37	F4
Malanje	56	F3
Mälaren	9	G11
Malargüe	94	D3
Malaryta	17	C7
Malatya	46	C4
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Malawi, L.	59	A6
Malaybalay	38	C3
Malāyer	46	D7
Malaysia	36	D4
Malazgirt	46	C5
Malbooma	62	B1
Malbork	16	A4
Malden I.	65	K15
Maldives	26	J11
Maldonado	94	C6
Malé Karpaty	16	D3
Maléa, Ákra	23	F4
Malegaon	43	J9
Malema	59	A7
Malha	53	E4
Mali	55	E4
Mali →	41	E11
Malik	39	E2
Malili	39	E2
Malin Hd.	10	D3
Malindi	57	E8
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Mechelen	14	C3
Malino	39	D2
Malita	38	C3
Malkara	22	D6
Mallacoota	63	C4
Mallacoota Inlet	63	C4
Mallaig	10	C4
Mallawi	52	C5
Mallorca	19	C7
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Malpelo	90	C2	Mangla Dam	42	C8	Manzhouli	35	B6	Marinduque	38	B2
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Malvan	43	L8	Mangueigne	53	F3	Mapuera →	90	D7	Maritsa = Évros →	22	D6
Malvinas, Is. = Falkland Is. □	95	G5	Mangueira, L. da	94	C6	Maputo	59	D6	Mariupol	25	D4
Malyn	17	C9	Mangyshlak Poluostrov	29	E6	Maqnā	47	E3	Marīvān	46	D6
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Mamahatun	46	C5	Manica	59	B6	Maquinchao	95	E3	Markham, Mt.	96	C15
Mamanguape	92	D6	Manicoré	91	E6	Mar, Serra do	94	B7	Marks	24	C6
Mamasa	39	E1	Manicouagan →	69	D4	Mar Chiquita, L.	94	C4	Marla	62	A1
Mamberamo →	39	E5	Manīfah	47	F7	Mar del Plata	94	D5	Marmagao	43	M8
Mambilima Falls	57	G5	Manihiki	65	L14	Mar Menor	19	D5	Marmara	23	D6
Mamburao	38	B2	Manila	38	B2	Maraã	90	D5	Marmara, Sea of = Marmara Denizi	22	D7
Mamfe	55	G6	Manila B.	38	B2	Marabá	92	D4	Marmara Denizi	22	D7
Mamoré →	91	F5	Manilla	63	B5	Maracá, I. de	92	B3	Marmaris	23	F7
Mamou	55	F2	Manipur □	41	E9	Maracaibo	90	A4	Marmolada, Mte.	20	A3
Mamuju	39	E1	Manipur →	41	F10	Maracaibo, L. de	90	B4	Marne →	12	B5
Man	55	G3	Manisa	23	E6	Maracay	90	A5	Maroantsetra	59	H9
Man, I. of	11	D4	Manitoba □	71	C10	Marādah	52	C2	Marondera	59	B6
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Mana	92	A3	Manitowoc	72	B2	Marajó, I. de	92	C4	Maroochydore	63	A5
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Manacapuru	90	D6	Manja	59	J8	Marama	62	C3	Maroua	53	F1
Manacor	19	C7	Manjacaze	59	C6	Marampa	55	G2	Marovoay	59	H9
Manado	39	D2	Manjhand	42	G6	Marand	46	C6	Marquesas Is. = Marquises, Is.	65	K17
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Manaos = Manaus	90	D7	Manna	37	E2	Marão	59	C6	Marromeu	59	B7
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Manasir	44	E2	Mannheim	14	D5	Marche	12	C4	Marsabit	57	D7
Manaung	41	H9	Mannum	62	B2	Marchena	18	D3	Marsala	21	F4
Manaus	90	D7	Mano	55	G2	Mardan	42	B8	Marsden	63	B4
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Manchester, U.S.A.	73	C10	Manono	57	F5	Marek	39	E2	Marshall, Liberia	55	G2
Mand →	44	D3	Manosque	13	E6	Margarita, I. de	90	A6	Marshall, U.S.A.	79	C6
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Mandla	40	F3	Mantiqueira, Serra da	93	G5	Maridī	53	H4	Martina Franca	21	D6
Mandritsara	59	H9	Mántova	20	B3	Marie Byrd Land	96	B18	Martinborough	65	D6
Mandsaur	43	G9	Mantua = Mántova	20	B3	Marie-Galante	87	C7	Martinique ■	87	D7
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Manfalût	52	C5	Manuel Alves →	93	E4	Mariinsk	29	D9	Marton	64	D6
Manfred	63	B3	Manui	39	E2				Martos	18	D4
Manfredónia	20	D5	Manyara, L.	57	E7				Marudi	37	D4
Mangalia	22	C7	Manyach-Gudilo, Ozero	25	D5						
Mangalore	43	N9	Manyoni	57	F6						
Mangaweka	64	C6	Manzai	42	C7						
Manggar	37	E3	Manzanares	18	C4						

Ma'ruf

Ma'ruf	42	D5	Ma'tan as Sarra	52	D3	Mazurian Lakes		Melbourne,	
Marugame	32	B3	Matane	69	D4	= Mazurski,		U.S.A.	75 E7
Marulan	63	B5	Matanzas	86	B3	Pojezierze	16 B5	Mélèzes →	68 C3
Marwar	42	G8	Matapan, C. =			Mazurski,		Melfi	53 F2
Mary	29	F7	Táíaron, Ákra	23	F4	Pojezierze	16 B5	Melfort	71 C9
Maryborough =			Mataram	37	F5	Mazyr	17 C9	Melilla	19 E4
Port Laoise	11	E3	Matarani	91	G4	Mbabane	59 D6	Melitopol	25 D4
Maryborough,			Mataró	19	B7	Mbaiki	56 D3	Melk	15 D8
Queens,			Mataura	65	G3	Mbala	57 F6	Melo	94 C6
Australia	63	A5	Matehuala	84	C4	Mbale	57 D6	Melolo	39 F2
Maryborough,			Matera	21	D6	Mbalmayo	56 D2	Melrose	63 B4
Vic., Australia	62	C3	Mathura	42	F10	Mbamba Bay	57 G6	Melun	13 B5
Maryland	73	E7	Mati	38	C3	Mbandaka	56 D3	Melut	53 F5
Maryvale	63	A5	Matiri Ra.	65	D5	Mbanza Congo	56 F2	Melville	71 C9
Marzūq	52	C1	Matmata	54	B6	Mbanza Ngungu	56 F2	Melville I.	60 C5
Masaka	57	E6	Mato Grosso	93	E3	Mbarara	57 E6	Melville Pen.	68 B2
Masalembo,			Mato Grosso,			Mbeya	57 F6	Memba	59 G8
Kepulauan	37	F4	Planalto do	93	F3	Mbini	56 D2	Memboro	39 F1
Masalima,			Mato Grosso do			Mbour	55 F1	Memel =	
Kepulauan	37	F5	Sul	93	F3	Mbout	55 E2	Klaipėda	24 B1
Masamba	39	E2	Matochkin Shar	28	B6	Mbuji-Mayi	56 F4	Memmingen	14 E6
Masan	35	C7	Matosinhos	18	B1	Mbulu	57 E7	Mempawah	37 D3
Masandam, Ras	44	E4	Matrah	45	F4	Mchinji	59 A6	Memphis, Tenn.,	
Masasi	57	G7	Matsue	32	B3	Mead, L.	82 B5	U.S.A.	74 B3
Masaya	85	E7	Matsumoto	32	A6	Mearim →	92 C5	Memphis, Tex.,	
Masbate	38	B2	Matsusaka	32	B5	Meaux	13 B5	U.S.A.	78 B3
Mascara	54	A5	Matsuyama	32	C3	Mecca =		Ménaka	55 E5
Masela	39	F3	Mattagami →	69	C2	Makkah	47 G4	Menan = Chao	
Maseru	59	D5	Mattancheri	43	Q10	Mechelen	14 C3	Phraya →	36 B2
Mashābih	47	F4	Matterhorn	13	D7	Mecheria	54 B4	Menate	37 E4
Mashhad	44	B4	Matthew's Ridge	90	B6	Mecklenburg	15 B6	Mendawai →	37 E4
Mashike	32	F12	Matucana	91	F3	Mecklenburger		Mende	13 D5
Mashkel,			Matun	42	C6	Bucht	15 A6	Mendocino, C.	80 E1
Hamun-i-	42	E3	Maturín	90	B6	Meconta	59 A7	Mendoza	94 C3
Mashki Chāh	42	E3	Mau Ranipur	43	G11	Medan	37 D1	Mene Grande	90 B4
Masi Manimba	56	E3	Maubeuge	13	A5	Medanosa, Pta.	95 F3	Menemen	23 E6
Masindi	57	D6	Maude	63	B3	Medéa	54 A5	Menggala	37 E3
Masisea	91	E4	Maudin Sun	41	K10	Medellín	90 B3	Mengzi	34 D5
Masjed			Maués	90	D7	Mederdra	55 E1	Menindee	62 B3
Soleyman	47	E7	Mauganj	40	E3	Medford	80 D2	Menindee L.	62 B3
Mask, L.	11	E2	Mauí	82	H12	Medgidia	22 B7	Meningie	62 C2
Masohi	39	E3	Maulamyaing =			Mediaş	17 E7	Menominee	72 B2
Mason City	77	D8	Moulmein	41	J11	Medicine Bow		Menongue	58 A3
Masqat	45	F4	Maumere	39	F2	Ra.	81 E10	Menorca	19 C7
Massa	20	B3	Maun	58	B4	Medina = Al		Mentawai,	
Massachusetts			Maungmagan			Madīnah	47 F4	Kepulauan	37 E1
	73	C9	Kyunzu	41	K11	Medina del		Menton	13 E7
Massaguet	53	F2	Mauritania	55	D2	Campo	18 B3	Meppel	14 B4
Massakory	53	F2	Mauritius	51	H9	Medina-Sidonia	18 D3	Merabéllou,	
Massangena	59	C6	Mavinga	58	B4	Medinipur	40 F6	Kólpos	23 G5
Massawa =			Mawk Mai	41	G11	Mediterranean		Meran =	
Mitsiwa	53	E6	Mawlaik	41	F10	Sea	50 C5	Merano	20 A3
Massena	73	B8	Mawson Coast	96	A10	Médoc	12 D3	Merano	20 A3
Massénya	53	F2	Maxixe	59	C7	Medveditsa →	24 D5	Merauke	39 F6
Massif Central	13	D5	Mayaguana	87	B5	Medvezhyegorsk	28 C4	Merbein	62 B3
Massinga	59	C7	Mayagüez	87	C6	Meekatharra	60 F2	Merca	49 G3
Masson I.	96	A11	Maydena	62	D4	Meerut	42 E10	Merced	82 B2
Mastanli =			Mayenne →	12	C3	Mega	53 H6	Mercedes,	
Momchilgrad	22	D5	Maykop	25	E5	Mégara	23 F4	Buenos Aires,	
Masterton	65	D6	Mayo	70	B6	Meghalaya	41 E8	Argentina	94 C5
Mastuj	42	A8	Mayo L.	70	B6	Mei Xian	35 D6	Mercedes,	
Mastung	42	E5	Mayon Volcano	38	B2	Meiganga	56 C2	Corrientes,	
Masty	17	B7	Mayor I.	64	B7	Meiktila	41 G10	Argentina	94 B5
Masuda	32	B2	Mayu	39	D3	Meissen	15 C7	Mercedes,	
Masvingo	59	C6	Mazabuka	59	B5	Mejillones	94 A2	San Luis,	
Mataboor	39	E5	Mazagán = El			Mékambo	56 D2	Argentina	94 C3
Matad	35	B6	Jadida	54	B3	Mekdela	53 F6	Uruguay	94 C5
Matadi	56	F2	Mazagão	92	C3	Mekhtar	42 D6	Merceditas	94 B2
Matagalpa	85	E7	Mazán	90	D4	Meknès	54 B3	Mercer	64 B6
Matagami, L.	69	D3	Māzandarān	44	B3	Mekong →	36 C3	Mercy C.	68 B4
Matak, P.	37	D3	Mazar-e Sharīf	45	B6	Mekongga	39 E2	Meredith, C.	95 G4
Matakana	63	B4	Mazara del Vallo	21	F4	Mekvari =		Merga =	
Matam	55	E2	Mazarredo	95	F3	Kür →	25 E6	Nukheila	53 E4
Matamoros,			Mazarrón	19	D5	Melagiri Hills	43 N10	Myeik Kyunzu	36 B1
Coahuila,			Mazaruni →	90	B7	Melaka	37 D2	Mérida, Mexico	85 C7
Mexico	84	B4	Mazatlán	84	C3	Melalap	36 C5	Mérida, Spain	18 C2
Matamoros,			Māzhān	44	C4	Melanesia	64 K10		
Tamaulipas,			Mazīnān	44	B4	Melbourne,			
Mexico	84	B5	Mazoe →	59	B6	Australia	63 C3		

Mérida, Venezuela ...	90	B4	Midland	78	D3	Minorca =		Moa	39	F3
Mérida, Cord. de	87	E5	Midyat	46	C5	Menorca	19	Moabi	56	E2
Meridian	74	C3	Midzör	22	C4	Minore	63	Moalie Park ...	62	A3
Meriruma	92	B3	Międzychód ...	16	B2	Minot	76	Moba	57	F5
Merowe	53	E5	Międzyrzec			Minsk	24	Mobaye	56	D4
Merriwa	63	B5	Podlaski	17	C6	Mińsk		Mobayi	56	D4
Merriwagga ...	63	B4	Mielec	16	C5	Mazowiecki .	16	Mobile	74	D3
Merrygoen	63	B4	Miercurea Ciuc	17	E7	Mintaka Pass ..	42	Mobutu Sese		
Mersa Fatma ..	49	E3	Mieres	18	A3	Minto	71	Seko, L. =		
Merseburg	15	C6	Miguel Alves ..	92	C5	Minutang	41	Albert L.	57	D6
Mersin	46	C3	Mihara	32	B3	Minvoul	56	Moçambique ..	59	H8
Mersing	37	D2	Mikhaylovgrad	22	C4	Mir	53	Moçâmedes =		
Merthyr Tydfil .	11	F5	Míkonos	23	F5	Mira	20	Namibe	58	B2
Mértola	18	D2	Mikura-Jima ..	32	C6	Miraj	43	Mochudi	59	C5
Meru	57	D7	Milagro	90	D3	Miram Shah ..	42	Mocimboa da		
Mesa	83	D7	Milan = Milano	20	B2	Miranda	93	Praia	57	G8
Meshed =			Milang	62	B2	Miranda de Ebro	19	Mocoa	90	C3
Mashhad ...	44	B4	Milano	20	B2	Miranda do		Mocuba	59	B7
Meshra er Req	53	G4	Milês	23	F6	Douro	18	Modane	13	D7
Mesolóngion ..	23	E3	Milazzo	21	E5	Miri	36	Módena	20	B3
Mesopotamia =			Mildura	62	B3	Mirim, L.	94	Modesto	82	B2
Al Jazirah ...	46	D5	Miles	63	A5	Mirpur Khas ..	42	Módica	21	F5
Messina, Italy .	21	E5	Miletus	23	F6	Mirzapur	40	Moe	63	C4
Messina,			Milford Haven .	11	F4	Mirzapur-cum-		Moengo	92	A3
S. Africa	59	C6	Milford Sd. ...	65	F2	Vindhyachal =		Mogadishu =		
Messina, Str. di	21	E5	Milḥ, Baḥr al ..	47	D5	Mirzapur	40	Muqdisho ...	49	G4
Messini	23	F4	Miliana	54	C5	Mish'āb, Ra'as		Mogador =		
Messiniakós			Mill I.	96	A12	al	47	Essaouira ...	54	B3
Kólpos	23	F4	Millau	13	D5	Mishan	35	Mogami → ...	33	G12
Mesta →	22	D5	Millicent	62	C3	Miskīn	44	Mogaung	41	E11
Meta →	90	B5	Millinocket	73	B11	Miskolc	16	Mogi das Cruzes	94	A7
Metairie	79	E8	Millmerran	63	A5	Misool	39	Mogi-Mirim ...	94	A7
Metán	94	B4	Milne Inlet	68	A2	Misrātah	52	Mogilev =		
Metangula	59	A6	Milos	23	F5	Misriç	46	Mahilyow ...	17	B10
Metema	53	F6	Milparinka P.O.	62	A3	Missinaibi → .	69	Mogilev-		
Methven	65	E4	Milton	65	G3	Mississippi □ .	79	Podolskiy =		
Metil	59	B7	Milton Keynes .	11	E6	Mississippi →	79	Mohyliv-		
Metlakatla	71	C6	Miltou	53	F2	Mississippi River		Podilskyy ...	17	D8
Mettur Dam ...	43	P10	Milwaukee	72	C2	Delta	79	Mogoi	39	E4
Metz	13	B7	Min Chiang →	35	D6	Missoula	81	Mogok	41	F11
Meulaboh	37	D1	Min Jiang → .	35	D5	Missouri □	77	Mohács	16	F4
Meureudu	36	C1	Mina Pirquitas .	94	A3	Missouri → ..	77	Moḥammadābād		
Meuse →	13	A6	Mīnā Su'ud ...	47	E7	Mistassini L. .	69	.....	44	B4
Mexiana, I.	92	C4	Mīnā'al Aḥmadī	47	E7	Misurata =		Mohoro	57	F7
Mexicali	84	A1	Mīnāb	44	E4	Misrātah	52	Mohyliv-		
México	84	D5	Minamata	32	C2	Mitchell,		Podilskyy ...	17	D8
México □	84	D5	Minas	94	C5	Australia	63	Mointy	29	E8
Mexico ■	84	C4	Minas Gerais □	93	F4	Mitchell, U.S.A.	76	Moisie	69	C4
Mexico, G. of ..	85	B7	Minbu	41	G10	Mitchell → ...	61	Moisie →	69	C4
Meymaneh ...	42	B4	Mindanao	38	C2	Mitilīni	23	Moïssala	53	G2
Mezen	28	C5	Mindanao Sea =			Mito	32	Mojave Desert .	82	C4
Mezen →	28	C5	Bohol Sea ..	38	C2	Mitrovica =		Mokai	64	C6
Mézene	13	D6	Mindanao			Titova-		Mokokchung ..	41	D10
Mezökövesd ..	16	E5	Trench	38	B3	Mitrovica ...	22	Mokra Gora ...	22	C3
Mezötúr	16	E5	Minden	14	B5	Mitsinjo	59	Molchanovo ..	29	D9
Mhow	43	H9	Mindiptana ...	39	F6	Mitsiwa	53	Moldavia ■ =		
Miami	75	G7	Mindoro	38	B2	Mittagong	63	Moldova ■ ..	17	E9
Miami Beach ..	75	G7	Mindoro Str. ..	38	B2	Mitú	90	Molde	8	F9
Miāndowāb ...	46	C6	Mindouli	56	E2	Mitumba,		Moldova ■ ...	17	E9
Miandrivazo ...	59	H9	Mingāçevir Su			Chaîne des ..	57	Moldoveana ..	17	F7
Miāneh	46	C6	Anban	25	E6	Mitumba Mts. =		Molepolole ...	59	C5
Mianwali	42	C7	Mingan	69	C4	Mitumba,		Molfetta	20	D6
Miaoli	35	D7	Mingechaurskoye			Chaîne des ..	57	Moline	77	E9
Miarinarivo ...	59	H9	Vdkhr. =			Mitwaba	57	Moliro	57	F6
Miass	29	D7	Mingāçevir Su			Mitzic	56	Mollendo	91	G4
Michalovce ...	17	D5	Anban	25	E6	Miyake-Jima ..	32	Molodechno =		
Michigan □ ...	72	C3	Mingin	41	F10	Miyako	33	Maladzyechna	17	A8
Michigan, L. ...	72	C2	Mingt'iehkaitafan			Miyakonojō ...	32	Molokai	82	H12
Michipicoten ..	69	D2	= Mintaka			Miyazaki	32	Molong	63	B4
Michurin	22	C6	Pass	42	A9	Miyet, Baḥr el =		Molopo → ...	58	D4
Michurinsk	24	C5	Minho =			Dead Sea ...	47	Molotov = Perm	29	D6
Micronesia,			Miño →	18	B1	Mizal	47	Moloundou ...	56	D3
Federated			Minho	18	B1	Mizdah	52	Molu	39	F4
States of ■ ..	64	J10	Minna	55	G6	Mizoram □ ...	41	Molucca Sea ..	39	E2
Middelburg ...	58	E5	Minneapolis ...	77	C8	Mjøsa	8	Moluccas =		
Middlesbrough	11	D6	Minnedosa	71	C10	Mladá Boleslav	16	Maluku	39	E3
Midi, Canal			Minnesota □ ..	77	B7	Mława	16	Moma	59	B7
du →	12	E4	Minnipa	62	B2	Mljet	20	Mombasa	57	E7
			Miño →	18	B1	Mmabatho	59	Momchilgrad ..	22	D5

Mompós

Mompós	90	B4	Montgomery	74	C4	Morshansk	24	C5	Mourdi,		
Mon →	41	G10	Montijo	18	C2	Morteros	94	C4	Dépression du	53	E3
Mona, Canal de			Montilla	18	D3	Mortes, R.			Mourdiah	55	F3
la	87	C6	Montluçon	13	C5	das →	93	E3	Moussoro	53	F2
Monaco	13	E7	Montmorillon	12	C4	Mortlake	62	C3	Moutohara	64	C7
Monahans	78	D2	Montoro	18	C3	Morundah	63	B4	Moutong	39	D2
Monastir =			Montpellier	13	E5	Moruya	63	C5	Moyale	57	D7
Bitola	22	D3	Montréal	69	D3	Morvan	13	C6	Moyamba	55	G2
Monastir	52	A1	Montreux	13	C7	Morven	63	A4	Moyen Atlas	54	B3
Moncayo, Sierra			Montrose, U.K.	10	C5	Morwell	63	C4	Moyo	37	F5
del	19	B5	Montrose,			Moscov Is.	41	L11	Moyyero →	30	C8
Mönchengladbach			U.S.A.	83	A9	Moscow =			Mozambique =		
	14	C4	Montserrat	87	C7	Moskva	24	B4	Moçambique	59	H8
Monchique	18	D1	Monveda	56	D4	Moscow	80	B5	Mozambique	59	B7
Monclova	84	B4	Monywa	41	F10	Mosel →	13	A7	Mozambique		
Mondego →	18	B1	Monza	20	B2	Moselle =			Chan.	59	H8
Mondeodo	39	E2	Monze	59	B5	Mosel →	13	A7	Mozdok	25	E5
Mondovi	20	B1	Monze, C.	43	G5	Mosgiel	65	F4	Mozyr = Mazyr	17	C9
Monforte de			Monzón	19	B6	Moshi	57	E7	Mpanda	57	F6
Lemos	18	A2	Moolawatana	62	A2	Moskva	24	B4	Mpika	59	A6
Mong Hsu	41	G12	Moomin Cr. →	63	A4	Moskva →	24	B4	Mpwapwa	57	F7
Mong Kung	41	G11	Moonie	63	A5	Moson-			Msaken	52	A1
Mong Nai	41	G11	Moonie →	63	A4	magyaróvár	16	E3	Msoro	59	A6
Mong Pawk	41	F12	Moonta	62	B2	Mosquera	90	C3	Mu Us Shamo	35	C5
Mong Ton	41	G12	Mooroopna	63	C4	Moss Vale	63	B5	Muaná	92	C4
Mong Wa	41	G13	Moose Jaw	71	C9	Mossaka	56	E3	Muar	37	D2
Mong Yai	41	F12	Moosomin	71	C9	Mossburn	65	F3	Muarabungo	37	E2
Mongalla	53	G5	Moosonee	69	C2	Mosselbaai	58	E4	Muaraenim	37	E2
Monghyr =			Mopeia Velha	59	B7	Mossendjo	56	E2	Muarajuloi	37	E4
Munger	40	E6	Mopti	55	F4	Mossgiel	63	B3	Muarakaman	37	E5
Mongibello =			Moquegua	91	G4	Mossoró	92	D6	Muaratebo	37	E2
Etna	21	F5	Mora	8	F10	Mossuril	59	G8	Muaratembesi	37	E2
Mongo	53	F2	Moradabad	42	E11	Most	16	C1	Muaratewe	37	E4
Mongolia	35	B5	Morafenobe	59	H8	Mostaganem	54	A5	Mubarras = Al		
Mongororo	53	F3	Moramanga	59	H9	Mostar	20	C6	Mubarras	47	F7
Mongu	58	B4	Moratuwa	43	R11	Mostardas	94	C6	Mubende	57	D6
Monkoto	56	E4	Morava →,			Mostiska =			Mubi	53	F1
Monópoli	21	D6	Serbia, Yug.	22	B3	Mostyska	17	D6	Muckadilla	63	A4
Monqoumba	56	D3	Morava →,			Mosty = Masty	17	B7	Muconda	56	G4
Monroe, La.,			Slovak Rep.	16	D3	Mostyska	17	D6	Mucuri	93	F6
U.S.A.	79	C7	Moravian Hts. =			Mosul = Al			Mudanjiang	35	B7
Monroe, N.C.,			Ceskomoravská			Mawşil	46	C5	Mudanya	23	D7
U.S.A.	75	B7	Vrchovina	16	D2	Motihari	40	D5	Mudgee	63	B4
Monrovia	55	G2	Morawhanna	90	B7	Motril	18	D4	Mufulira	59	A5
Mons	14	C2	Moray Firth	10	C5	Motueka	65	D5	Muğla	23	F7
Monse	39	E2	Morden	71	D10	Motueka →	65	D5	Mugu	40	C4
Mont-de-Marsan	12	E3	Mordovian			Mouanda	56	E2	Muhammad Qol	52	D6
Mont-St.-Michel,			Republic □ =			Mouádhros	23	E5	Mühlhausen	14	C6
Le = Le Mont-			Mordvinia □	24	C5	Moudjeria	55	E2	Mühlig Hofmann		
St.-Michel	12	B3	Mordvinia □	24	C5	Mouila	56	E2	fjell	96	B7
Montalbán	19	B5	Morea	62	C3	Moulamein	63	C3	Mukacheve	17	D6
Montana □	81	B9	Moree	63	A4	Moulins	13	C5	Mukachevo =		
Montargis	13	C5	Morelia	84	D4	Moulmein	41	J11	Mukacheve	17	D6
Montauban	12	D4	Morella	19	B5	Moundou	53	G2	Mukah	37	D4
Montbéliard	13	C7	Morena, Sierra	18	C3	Mount Barker	62	C2	Mukden =		
Montceau-les-			Moreton I.	63	A5	Mount Darwin	59	B6	Shenyang	35	B7
Mines	13	C6	Morgan	62	B2	Mount Eba	62	B2	Mukomuko	37	E2
Monte Alegre	92	C3	Morgan City	79	E8	Mount Gambier	62	C3	Muktsar	42	D9
Monte Azul	93	F5	Morioka	33	G12	Mount Hope,			Mukur	42	C5
Monte-Carlo	20	C1	Morlaix	12	B2	N.S.W.,			Mula	19	C5
Monte Caseros	94	C5	Mornington	63	C4	Australia	63	B4	Mulchén	94	D2
Monte Comán	94	C3	Mornington, I.	95	F1	Mount Hope,			Mulde →	15	C7
Monte Santu, C.			Moro G.	38	C2	S. Austral.,			Mulgathing	62	B1
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Numurkah	63	C4
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Ogooué →	56	E1	Olongapo	38	Orange, U.S.A.	79	D7	Saaremaa	24	B1
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								Oostende	14	C2

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Ostfriesische			Ovamboland	58	B3	Palampur	42	C10	Pandharpur	43	L9
Inseln	14	B4	Owase	32	B5	Palana	62	C4	Pando	94	C5
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Osuna	18	D3	Amudarya →	29	E6	Palencia	18	A3	Pangkalanbuun	37	E4
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Otira Gorge	65	E4				Palm Springs	82	D4	Pantar	39	F2
Otjiwarongo	58	C3				Palma	57	G8	Pante Macassar	39	F2
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Ouanda Djallé	56	C4				Palmira	90	C3	Paracatu	93	F4
Ouango	56	D4				Palmyra =			Paracel Is. =		
Ouargla	54	B6				Tudmur	46	D4	Hsisha		
Ouarzazate	54	B3				Palopo	39	E2	Chuntao	36	A4
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Ouessant, I. d'	12	B1				Palu, <i>Turkey</i>	46	C5	Paradip	40	G6
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Ouezzane	54	B3				Pama	55	F5	Paragua →	90	B6
Ouidah	55	G5				Pamiers	12	E4	Paraguaçu →	93	E6
Oujda	54	B4				Pamirs	29	F8	Paraguaná, Pen.		
Oujeft	55	D2				Pamlico Sd.	75	B10	de	90	A4
Ouled Djellal	54	B6				Pampa	78	B3	Paraguarí	94	B5
Oulu	8	E13				Pampa de las			Paraguay	94	A5
Oulujärvi	8	F13				Salinas	94	C3	Paraguay →	94	B5
Oulujoki →	8	E13				Pampanua	39	E2	Paraíba = João		
Oum Chalouba	53	E3				Pampas,			Pessoa	92	D7
Ounianga-Kébir	53	E3				<i>Argentina</i>	94	D4	Paraíba □	92	D6
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Orense	18	A2				<i>Colombia</i>	90	B4	Parakou	55	G5
Ouricuri	92	D5				Pamplona,			Paramaribo	92	A2
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Ouse	62	D4				Panaji	43	M8	<i>Argentina</i>	94	C4
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Outjo	58	C3				Panamá	86	E4	Paraná □	94	A6
Ouyen	62	C3				Panamá, G. de	86	E4	Paraná →	94	C5
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Oviedo	18	A3				Panay	38	B2			

Paranapanema

Paranapanema →		Passos	93	G4	Peine	14	B6	Perijá, Sierra de	90	B4	
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Mato Grosso,			Patos, L. dos	94	C6	Pelly Bay	68	B2	Perth Amboy	73	D8
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Pardo →,			Patquía	94	C3	Peloponnese =			Perúgia	20	C4
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Pariaguán	90	B6	Pauini →	90	D6	du	13	D7	Petah Tiqwa	46	D3
Pariaman	37	E2	Pauk	41	G10	Pematangsiantar	37	D1	Petauke	59	A6
Parigi	39	E2	Paulis = Isiro	57	D5	Pemba I.	57	F7	Peter I.s Øy	96	A2
Parika	90	B7	Paulistana	92	D5	Pembroke,			Peterborough,		
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Quissanga	59	G8
Quitilipi	94	B4
Quito	90	D3
Quixadá	92	C6
Qūnghiot	29	E6
Quondong	62	B3
Quorn	62	B2
Qūqon	29	E8
Qûs	52	C5
Quseir	52	C5
Qyzylorda	29	E7

R

Raahe	8	F12
Raba	39	F1
Rába →	16	E3
Rabat, Malta ..	21	G5
Rabat, Morocco	54	B3
Rabaul	64	K10

Rābigh	47	G4
Race, C.	69	D5
Rach Gia	36	B3
Racibórz	16	C4
Racine	72	C2
Rădăuți	17	E7
Radekhiv	17	C7
Radekhov = Radekhiv ...	17	C7
Radhwa, Jabal	47	F4
Radom	16	C5
Radomsko	16	C4
Radomyshl ...	17	C9
Radstock, C. ...	62	B1
Rae	70	B8
Rae Bareli	40	D3
Rae Isthmus ..	68	B2
Raetihi	64	C6
Rafaela	94	C4
Rafai	56	D4
Rafhā	47	E5
Rafsanjān	44	D4
Ragachow	17	B10
Ragama	43	R11
Raglan	64	B6
Ragusa	21	F5
Raha	39	E2
Rahad al Bardī	53	F3
Rahaeng = Tak	36	A1
Rahimyar Khan	42	E7
Raichur	43	L10
Raigarh	40	G4
Railton	62	D4
Rainier, Mt. ...	80	B3
Raipur	40	G3
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Raj Nandgaon .	40	G3
Raja, Ujung ...	37	D1
Raja Ampat, Kepulauan ..	39	E3
Rajahmundry ..	40	J3
Rajang →	37	D4
Rajapalaiyam ..	43	Q10
Rajasthan □ ...	42	F8
Rajasthan Canal	42	F8
Rajgarh	43	G10
Rajkot	43	H7
Rajpipla	43	J8
Rajshahi	41	E7
Rakaia	65	E5
Rakaia →	65	E5
Rakan, Ra's ...	44	E2
Rakaposhi	42	A9
Rakata, Pulau .	37	F3
Rakhiv	17	D7
Raleigh	75	B8
Ram Hd.	63	C4
Ramanathapuram	43	Q11
Ramechhap ...	40	D6
Ramelau	39	F3
Ramgarh, Bihar, India	40	F5
Ramgarh, Raj., India	42	F7
Rāmhormoz ...	47	E7
Ramnad = Ramanathapuram	43	Q11
Rampur	42	E11
Rampur Hat ...	40	E6
Ramree I. = Ramree Kyun	41	H9
Ramree Kyun .	41	H9
Ramtek	43	J11
Ranaghat	41	F7
Ranau	36	C5
Rancagua	94	C2
Ranchi	40	F5

Randers	9	G10
Rangaunu B. ..	64	A5
Rangia	41	D8
Rangiora	65	E5
Rangitaiki → .	64	B7
Rangitata → ..	65	E4
Rangon →	41	J11
Rangoon	41	J11
Rangpur	41	E7
Ranibennur ...	43	M9
Raniganj	40	F6
Raniwara	43	G8
Rankin Inlet ...	70	B10
Rankins Springs	63	B4
Ranong	36	C1
Ransiki	39	E4
Rantau	37	E5
Rantauprapat ..	37	D1
Rantemario ...	39	E1
Rapa	65	M16
Rapallo	20	B2
Rāpch	45	E4
Rapid City	76	C3
Rarotonga	65	M14
Ra's al Khaymah	44	E4
Ra's al-Unuf ...	52	B2
Ras Bânās	52	D6
Ras Dashen ...	57	B7
Rās Timirist ...	55	E1
Rasa, Punta ...	95	E4
Rashad	53	F5
Rashîd	52	B5
Rasht	46	C7
Rat Islands	71	C1
Ratangarh	42	E9
Rathenow	15	B7
Ratibor = Racibórz	16	C4
Ratlam	43	H9
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Raukumara Ra.	64	C7
Raurkela	40	F5
Rava-Ruska ...	17	C6
Rava Russkaya = Rava-Ruska	17	C6
Rāvar	44	D4
Ravenna	20	B4
Ravensburg ...	14	E5
Ravi →	42	D7
Rawalpindi	42	C8
Rawāndūz	46	C6
Rawene	64	A5
Rawlins	81	E10
Rawson	95	E3
Ray, C.	69	D5
Rayadurg	43	M10
Rayagada	40	H4
Raymond	71	D8
Raz, Pte. du ...	12	B1
Razdel'naya = Rozdilna	17	E10
Razelm, Lacul .	22	B7
Razgrad	22	C6
Ré, I. de	12	C3
Reading, U.K. .	11	F6
Reading, U.S.A.	73	D8
Realicó	94	D4
Rebi	39	F4
Rebiana	52	D3
Rebun-Tō	32	E12
Rechytza	17	B10
Recife	92	D7
Reconquista ...	94	B5
Recreo	94	B3
Red →, La., U.S.A.	79	D8
Red →, N. Dak., U.S.A.	76	A6
Red Cliffs	62	B3

Red Deer

Red Deer	71	C8	Rhineland-	Rio Largo	93	D6	Rokan →	37	D2
Red Sea	48	C2	Palatinate □ =	Río Mulatos	91	G5	Rolândia	94	A6
Red Tower Pass			Rheinland-	Río Muni =			Roma, <i>Australia</i>	63	A4
= Turnu Roşu,			Pfalz □	Mbini □	56	D2	Roma, <i>Italy</i>	20	D4
P.	17	F7	Rhode Island □	Rio Negro	94	B7	Roman	17	E8
Redcar	11	D6	Rhodes =	Rio Verde	93	F3	Romang	39	F3
Redcliffe	63	A5	Ródhos	Ríobamba	90	D3	Romania ■	22	B5
Redding	80	E2	Rhodope Mts. =	Ríohacha	90	A4	Romanovka =		
Redditch	11	E6	Rhodopi	Ríosucio,			Basarabeasca	17	E9
Redon	12	C2	Planina	<i>Caldas,</i>			Romans-sur-		
Redondela	18	A1	Rhodopi Planina	<i>Colombia</i>	90	B3	Isère	13	D6
Redwood City	82	B1	Rhön = Hohe	Ríosucio, <i>Choco,</i>			Romblon	38	B2
Ree, L.	11	E3	Rhön	<i>Colombia</i>	90	B3	Rome = Roma	20	D4
Reefton	65	E4	Rhondda	Rishiri-Tō	32	E12	Rome	74	B5
Regensburg	15	D7	Rhône →	Riva del Garda	20	B3	Romōrantin-		
Réggio di			Rhum	Rivadavia	94	B2	Lanthenay	12	C4
Calábria	21	E5	Riachão	Rivera	94	C5	Roncador, Serra		
Réggio			Riasi	Riversdale	58	E4	do	93	E3
nell'Emília	20	B3	Riau □	Riverside	82	D4	Ronda	18	D3
Reghin	17	E7	Riau, Kepulauan	Riverton,			Rondônia □	91	F6
Regina	71	C9	Riau Arch. =	<i>Australia</i>	62	B2	Rondonópolis	93	F3
Rehoboth	58	C3	Riau,	Riverton,			Ronge, L. la	71	C9
Rehovot	46	E3	Kepulauan	<i>Canada</i>	71	C10	Ronne Ice Shelf	96	B3
Rei-Bouba	53	G1	Ribadeo	Riverton, <i>N.Z.</i>	65	G2	Roodepoort	59	D5
Reichenbach	15	C7	Ribeirão Prêto	Riviera di			Roorkee	42	E10
Reidsville	75	A8	Riberalta	Levante	20	B2	Roosevelt →	91	E6
Reigate	11	F6	Ribnița	Riviera di			Roosevelt I.	96	B16
Reims	13	B6	Riccanton	Ponente	20	B2	Roquetas de		
Reina Adelaida,			Richland	Rivière-du-Loup	69	D4	Mar	19	D4
Arch.	95	G2	Richmond,	Rivne	17	C8	Roraima □	90	C6
Reindeer L.	71	C9	<i>Australia</i>	Rívoli	20	B1	Roraima, Mt.	90	B6
Reinga, C.	64	A5	Richmond, <i>N.Z.</i>	Rívoli B.	62	C3	Rosa	57	F6
Reinosa	18	A3	Richmond,	Riyadh = Ar			Rosa, Monte	13	D7
Reliance	70	B9	<i>Calif., U.S.A.</i>	Riyāḍ	47	F6	Rosario,		
Remarkable, Mt.	62	B2	Richmond, <i>Va.,</i>	Rize	46	B5	<i>Argentina</i>	94	C4
Remeshk	45	E4	<i>U.S.A.</i>	Rizzuto, C.	21	E6	Rosário, <i>Brazil</i>	92	C5
Rendsburg	14	A5	Richmond Ra.	Roanne	13	C6	Rosario, <i>Mexico</i>	84	C3
Rengat	37	E2	Ridder	Roanoke	73	F6	Rosario,		
Reni	17	F9	Ried	Robbins I.	62	D4	<i>Paraguay</i>	94	A5
Renk	53	F5	Riesa	Robertson	58	E3	Rosario de la		
Renmark	62	B3	Rieti	Robertson I.	96	A4	Frontera	94	B3
Rennes	12	B3	Rig Rig	Robertsport	55	G2	Rosário do Sul	94	C6
Reno	80	F4	Rīga	Robertstown	62	B2	Rosas, G. de	19	A7
Reno →	20	B4	Riga, G. of	Robinvale	62	B3	Roscommon	11	E2
Rentería	19	A5	Rīgas Jūras Līcis	Roboré	91	G7	Roseau, <i>Domin.</i>	87	C7
Republican →	76	F6	= Riga, G. of	Robson, Mt.	71	C8	Roseau, <i>U.S.A.</i>	77	A7
Repulse Bay	68	B2	Rīgestān □	Roca, C. da	18	C1	Rosebery	62	D4
Requena, <i>Peru</i>	90	E4	Rigolet	Rocas, I.	92	C7	Roseburg	80	D2
Requena, <i>Spain</i>	19	C5	Riiser-Larsen-	Rocha	94	C6	Rosenheim	15	E7
Resadiye =			halvøya	Rochefort	12	D3	Rosetown	71	C9
Datça	23	F6	Rijeka	Rochester,			Rosetta =		
Resht = Rasht	46	C7	Rimah, Wadi	<i>Minn., U.S.A.</i>	77	C8	Rashīd	52	B5
Resistencia	94	B5	ar →	Rochester, <i>N.Y.,</i>			Roseville	80	F3
Reşița	17	F5	Rimini	<i>U.S.A.</i>	73	C7	Rosewood	63	A5
Resolution I.,			Rîmnicu Sărat	Rock Hill	75	B7	Rosignano		
<i>Canada</i>	68	B4	Rîmnicu Vîlcea	Rock Island	77	E9	Marittimo	20	C3
Resolution I.,			Rimouski	Rock Springs	81	E9	Rosignol	90	B7
<i>N.Z.</i>	65	F2	Rinca	Rockefeller			Roşiori-de-Vede	22	B5
Réthimnon	23	G5	Rinconada	Plateau	96	C18	Roslavl	24	C3
Réunion ■	51	J9	Rinjani	Rockford	77	D10	Roslyn	63	B4
Reus	19	B6	Rio Branco,	Rockhampton	61	E9	Ross, <i>Australia</i>	62	D4
Reutlingen	14	D5	<i>Brazil</i>	Rocky Mount	75	B9	Ross, <i>N.Z.</i>	65	E4
Reval = Tallinn	24	B1	<i>Uruguay</i>	Rocky Mts.	70	C7	Ross I.	96	B15
Revelstoke	71	C8	Río Branco,	Rod	42	E3	Ross Ice Shelf	96	C16
Rewa	40	E3	Río Cuarto	Rodez	13	D5	Ross Sea	96	B15
Rewari	42	E10	Rio de Janeiro	Ródhos	23	F7	Rossano Cálabro	21	E6
Rey Malabo	56	D1	Rio de Janeiro □	Rodney, C.	64	B6	Rossland	71	D8
Reykjavík	8	B2	Rio do Sul	Roes Welcome			Rosslare	11	E3
Reynosa	84	B5	Río Gallegos	Sd.	68	B2	Rosso	55	E1
Rhein →	14	C4	Río Grande,	Rogachev =			Rossosh	24	C4
Rhein-Main-			<i>Argentina</i>	Ragachow	17	B10	Rosthern	71	C9
Donau-			<i>Brazil</i>	Rogagua, L.	91	F5	Rostock	15	A7
Kanal →	15	D6	Rio Grande,	Rogatyn	17	D7	Rostov, <i>Don,</i>		
Rheine	14	B4	<i>Uruguay</i>	Rogoaguado, L.	91	F5	<i>Russia</i>	25	D4
Rheinland-			Rio Grande →	Rohri	42	F6	Rostov, <i>Yarosl.,</i>		
Pfalz □	14	C4	Rio Grande do	Rohtak	42	E10	<i>Russia</i>	24	B4
Rhin =			Norte □	Roi Et	36	A2	Roswell	78	C1
Rhein →	14	C4	Rio Grande do	Rojas	94	C4	Rotherham	11	E6
Rhine =			Sul □	Rojo, C.	84	C5	Roto	63	B4
Rhein →	14	C4							

Rotondo Mte.	13	E8	Rybachye	29	E9	Saharanpur	42	E10	St. Maarten	87	C7
Rotorua	64	C7	Rybinsk	24	B4	Saharien, Atlas	54	B5	St.-Malo	12	B2
Rotorua, L.	64	C7	Rybinskoye			Sahiwal	42	D8	St-Marc	87	C5
Rotterdam	14	C3	Vdkhr.	24	B4	Sa'id Bundas	53	G3	St. Mary Pk.	62	B2
Rottweil	14	D5	Rybnitsa =			Saïda	54	B5	St. Marys	62	D4
Rotuma	64	L12	Rîbnița	17	E9	Sa'îdâbâd	44	D3	St.-Mathieu, Pte.	12	B1
Roubaix	13	A5	Rylstone	63	B4	Sa'îdîyeh	46	C7	St. Matthews, I.		
Rouen	12	B4	Rypin	16	B4	Saidpur	41	E7	= Zadetkyi		
Round Mt.	63	B5	Ryūkyū ls. =			Saidu	42	B8	Kyun	36	C1
Roussillon	13	E5	Ryūkyū-rettō	35	D7	Saigon = Phanh			St.-Nazaire	12	C2
Rouyn	69	D3	Ryūkyū-rettō	35	D7	Bho Ho Chi			St.-Omer	12	A5
Rovaniemi	8	E13	Rzeszów	16	C5	Minh	36	B3	St. Paul	77	C8
Rovereto	20	B3	Rzhev	24	B3	Saijō	32	C3	St. Peter Port	11	G5
Rovigo	20	B3				Saikhwa Ghat	41	D10	St. Petersburg =		
Rovinj	20	B4				Saiki	32	C2	Sankt-		
Rovno = Rivne	17	C8				Sailolof	39	E4	Peterburg	24	B3
Rovuma →	57	G8				St. Andrews	10	C5	St. Petersburg	75	F6
Rowena	63	A4				St. Arnaud	62	C3	St.-Pierre et		
Roxas	38	B2				St-Augustin-			Miquelon □	69	D5
Roxburgh	65	F3				Saguenay	69	C5	St.-Quentin	13	B5
Royal						St. Augustine	75	E7	St. Thomas I.	87	C7
Leamington						St. Austell	11	F4	St.-Tropez	13	E7
Spa	11	E6				St. Boniface	71	D10	St. Vincent, G.	62	C2
Royan	12	D3				St.-Brieuc	12	B2	St. Vincent &		
Rozdilna	17	E10				St. Catharines	69	D3	the		
Rozhyshche	17	C7				St.-Chamond	13	D6	Grenadines ■	87	D7
Rtishchevo	24	C5				St. Christopher-			Saintes	12	D3
Ruahine Ra.	64	C7				Nevis ■ = St.			Saintonge	12	D3
Ruapehu	64	C6				Kitts & Nevis	87	C7	Saipan	64	H9
Ruapuke I.	65	G3				St. Cloud	77	C7	Sairang	41	F9
Rub' al Khali	48	D4				St. Croix	87	C7	Sairecábur,		
Rubio	90	B4				St.-Denis	12	B5	Cerro	94	A3
Rubtsovsk	29	D9				St.-Dizier	13	B6	Sajama	91	G5
Rudall	62	B2				St. Elias, Mt.	70	B5	Sajó	16	D5
Rudolf, Ostrov	28	A6				St.-Étienne	13	D6	Sakai	32	B4
Rufa'a	53	F5				St.-Flour	13	D5	Sakākah	47	E5
Rufiji →	57	F7				St. Francis, C.	58	E4	Sakakawea, L.	76	B4
Rufino	94	C4				St. Gallen =			Sakarya =		
Rufisque	55	F1				Sankt Gallen	13	C8	Adapazan	46	B2
Rugby	11	E6				St.-Gaudens	12	E4	Sakarya →	25	E3
Rügen	15	A7				St. George	63	A4	Sakata	33	G11
Ruhr →	14	C4				St.-Georges,			Sakhalin	31	D12
Rukwa L.	57	F6				Fr. Guiana	92	B3	Sakon Nakhon	36	A2
Rum = Rhum	10	C3				St. George's,			Sala	9	G11
Rumāḥ	47	F6				Grenada	87	D7	Sala Consilina	21	D5
Rumania =						St. George's			Saladillo	94	D5
Romania ■	22	B5				Channel	11	F3	Salado →,		
Rumbêk	53	G4				St. Georges Hd.	63	C5	Buenos Aires,		
Rumia	16	A4				St. Gotthard P.			Argentina	54	D5
Rumoi	32	F12				= San			Salado →,		
Runanga	65	E4				Gottardo, P.			La Pampa,		
Runaway, C.	64	B7				del	13	C8	Argentina	94	D3
Rungwa	57	F6				St. Helena ■	51	H3	Salado →,		
Ruoqiang	34	C3				St. Helena B.	58	E3	Santa Fe,		
Rupa	41	D9				St. Helens	62	D4	Argentina	94	C4
Rupat	37	D2				St. Helier	11	G5	Salaga	55	G4
Rupert →	69	C3				St-Hyacinthe	69	D3	Salālah	49	D5
Rupert House =						St. John	69	D4	Salamanca,		
Waskaganish	69	C3				St. John's,			Chile	94	C2
Rurrenabaque	91	F5				Antigua	87	C7	Salamanca,		
Rusape	59	B6				St. John's,			Spain	18	B3
Ruschuk = Ruse	22	C5				Canada	69	D5	Salamís	23	F4
Ruse	22	C5				St. Johns →	75	D7	Salar de		
Rushworth	63	C4				St. Joseph	77	F7	Atacama	94	A3
Russas	92	C6				St. Joseph, L.	69	C1	Salar de Uyuni	91	H5
Russellkonda	40	H5				St. Kilda, N.Z.	65	F4	Salaverry	91	E3
Russkaya						St. Kilda, U.K.	10	C2	Salawati	39	E4
Polyana	29	D8				St. Kitts & Nevis	87	C7	Salayar	39	F2
Rustavi	25	E6				St.-Laurent	92	A3	Saldanha	58	E3
Rustenbourg	59	D5				St. Lawrence →	69	D4	Sale, Australia	63	C4
Ruteng	39	F2				St. Lawrence,			Salé, Morocco	54	B3
Rutshuru	57	E5				Gulf of	69	D4	Salekhard	28	C7
Ruwenzori	57	D5				St. Lawrence I.	71	B2	Salem, India	43	P11
Ružomberok	16	D4				St. Leonard	69	D4	Salem, U.S.A.	80	C2
Rwanda ■	57	E6				St.-Lô	12	B3	Salerno	21	D5
Ryazan	24	C4				St-Louis	55	E1	Salgótarján	16	D4
Ryazhsk	24	C5				St. Louis	77	F9	Salihli	23	E7
Rybachy =						St. Lucia ■	87	D7	Salihorsk	17	B8
Rybachye	29	E9				St. Lucia, L.	59	D6	Salima	59	A6

Salina

Salina, <i>Italy</i> . . .	21	E5	Samut Prakan .	36	B2	San Francisco, <i>U.S.A.</i>	82	B1	San Pedro de Lloc	91	E3
Salina, <i>U.S.A.</i> . .	76	F6	Samut Songkhram →			San Francisco de Macoris . .	87	C5	San Pedro de Macoris	87	C6
Salina Cruz . . .	85	D5	36	B2	San Francisco del Monte de Oro	94	C3	San Pedro del Paraná	94	B5
Salinas, <i>Brazil</i> .	93	F5	San	55	F4	San Gil	90	B4	San Pedro Sula	85	D7
Salinas, <i>Ecuador</i>	90	D2	San →	16	C5	San Gottardo, P. del	13	C8	San Pioto	21	E2
Salinas, <i>U.S.A.</i> .	82	B2	San Agustín, C. .	38	C3	San Ignacio, <i>Bolivia</i>	91	G6	San Rafael, <i>Argentina</i> . . .	94	C3
Salinas Grandes	94	C3	San Andrés, I. de	86	D3	San Ignacio, <i>Paraguay</i> . . .	94	B5	San Rafael, <i>U.S.A.</i>	80	G2
Salinópolis . . .	92	C4	San Andrés Tuxtla	85	D5	San Ildefonso, C.	38	A2	San Ramón de la Nueva Orán	94	A4
Salisbury, <i>Australia</i>	62	B2	San Angelo . . .	78	D3	San Javier, <i>Argentina</i> . . .	94	C5	San Remo	20	C1
Salisbury, <i>U.K.</i> . .	11	F6	San Antonio, <i>Chile</i>	94	C2	San Javier, <i>Bolivia</i>	91	G6	San Roque, <i>Argentina</i> . . .	94	B5
Salisbury, <i>U.S.A.</i>	75	B7	San Antonio, <i>Spain</i>	19	C6	San Joaquín →	82	A2	San Roque, <i>Spain</i>	18	D3
Salli	68	B2	San Antonio, <i>U.S.A.</i>	78	E4	San Jorge, B. de	84	A2	San Rosendo . . .	94	D2
Salluit	68	B3	San Antonio, C., <i>Argentina</i> . . .	94	D5	San Jorge, G.	95	F3	San Salvador, <i>Bahamas</i> . . .	86	B5
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Tacna	91	G4	Talara	90	D2	Tando Adam	42	G6	Tarbela Dam	42	B8
Tacoma	80	B2	Talas	29	E8	Tandou L.	62	B3	Tarbes	12	E4
Tacuarembó	94	C5	Talaud,			Tane-ga-Shima	33	D2	Tarcoola	62	B1
Tademaït,			Kepulauan	38	D3	Taneatua	64	C7	Tarcoon	63	B4
Plateau du	54	C5	Talaud Is. =			Tanen Tong Dan	41	J12	Taree	63	B5
Tadjoura	49	E3	Talaud,			Tanezrouft	54	D5	Tarfaya	54	C2
Tadmor	65	D5	Kepulauan	38	D3	Tanga	57	F7	Tarifa	18	D3
Tadoussac	69	D4	Talavera de la			Tanganyika, L.	57	F5	Tarija	94	A4
Tadzhikistan =			Reina	18	C3	Tanger =			Tariku →	39	E5
Tajikistan ■	29	F8	Talayan	38	C2	Tangier	54	A3	Tarim Basin =		
Taegu	35	C7	Talbragar →	63	B4	Tanggula Shan	34	C4	Tarim Pendi	34	C3
Taejōn	35	C7	Talca	94	D2	Tangier	54	A3	Tarim He →	34	C3
Tafalla	19	A5	Talcahuano	94	D2	Tangshan	35	C6	Tarim Pendi	34	C3
Tafelbaai	58	E3	Talcher	40	G5	Tanimbar,			Taritatu →	39	E5
Tafermaar	39	F4	Taldy Kurgan =			Kepulauan	39	F4	Tarkhankut, Mys	25	D3
Taft	38	B3	Taldyqorghān	29	E8	Tanimbar Is. =			Tarko Sale	28	C8
Taga Dzong	41	D7	Taldyqorghān	29	E8	Tanimbar,			Tarkwa	55	G4
Taganrog	25	D4	Talesh, Kūhhā-			Kepulauan	39	F4	Tarlac	38	A2
Tagbilaran	38	C2	ye	46	C7	Tanjay	38	C2	Tarma	91	F3
Tagish	70	B6	Tali Post	53	G5	Tanjore =			Tarn →	12	D4
Tagish L.	70	B6	Talibon	38	B2	Thanjavur	43	P11	Tarnobrzeg	16	C5
Tagliamento →	20	B4	Taliwang	37	F5	Tanjung	37	E5	Tarnów	16	C5
Taguatinga	93	E5	Tall 'Afar	46	C5	Tanjungbalai	37	D1	Tarnowskie		
Tagum	38	C3	Talladega	74	C4	Tanjungbatu	37	D5	Góry	16	C4
Tagus =			Tallahassee	75	D5	Tanjungkarang			Taroom	63	A4
Tejo →	18	C1	Tallangatta	63	C4	Telukbetung	37	F3	Taroudannt	54	B3
Tahakopa	65	G3	Tallarook	63	C4	Tanjungpandan	37	E3	Tarragona	19	B6
Tahan, Gunong	36	D2	Tallinn	24	B1	Tanjungpinang	37	D2	Tarrasa	19	B7
Tahat	54	D6	Talodi	53	F5	Tanjungredeb	37	D5	Tarso Emissi	52	D2
Tāherī	44	E3	Taltal	94	B2	Tanjungselor	37	D5	Tarsus	46	C3
Tahiti	65	L16	Talwood	63	A4	Tanout	55	F6	Tartagal	94	A4
Tahoe, L.	80	F3	Taiyawalka			Tanta	52	B5	Tartu	24	B2
Tahoua	55	F6	Cr. →	62	B3	Tantung =			Tarūs	46	D3
Tahta	52	C5	Tamale	55	G4	Dandong	35	B7	Tarutung	37	D1
Tahulandang	39	D3	Tamanrasset	54	D6	Tanunda	62	B2	Tasāwah	52	C1
Tahuna	39	D3	Tamarang	63	B5	Tanzania ■	57	F6	Taschereau	69	D3
Tai	55	G3	Tamaské	55	F6	Taolanaro	59	K9	Tash-Kömür	29	E8
Tai Hu	35	C7	Tambacounda	55	F2	Taoudenni	54	D4	Tash-Kumyr =		
Taibei	35	D7	Tambelan,			Taourirt	54	B4	Tash-Kömür	29	E8
T'aichung =			Kepulauan	37	D3	Tapa Shan =			Tashauz =		
Taizhong	35	D7	Tambo de Mora	91	F3	Daba Shan	35	C5	Dashhowuz	29	E6
Taidong	35	D7	Tambora	37	F5	Tapah	37	D2	Tashi Chho		
Taieri →	65	G4	Tambov	24	C5	Tapajós →	92	C3	Dzong =		
Taihape	64	C6	Tamburâ	53	G4	Tapaktuan	37	D1	Thimphu	41	D7
Tailem Bend	62	C2	Tâmcheppet	55	E2	Tapanui	65	F3	Tashkent =		
Taimyr			Tamega →	18	B1	Tapauá →	91	E6	Toshkent	29	E7
Peninsula =			Tamenglong	41	E9	Tapeta	55	G3	Tashtagol	29	D9
Taymyr,			Tamgak, Mts.	55	E6	Tapi →	43	J8	Tasman B.	65	D5
Poluostrov	30	B7	Tamil Nadu □	43	P10	Tapirapécó,			Tasman Mts.	65	D5
Tain	10	C4	Tammerfors =			Serra	90	C6	Tasman Pen.	62	D4
Tainan	35	D7	Tampere	8	F12	Tapuaenuku, Mt.	65	D5	Tasmania □	62	D4
Tainaron, Ákra	23	F4	Tamo Abu,			Tapul Group	38	C2	Tatabánya	16	E4
T'aipei = Taibei	35	D7	Pegunungan	37	D5	Taquari →	91	G7	Tatar Republic □		
Taiping	36	D2	Tampa	75	F6	Tara, Australia	63	A5	= Tatarstan □	29	D6
Taitao, Pen. de	95	F1	Tampere	8	F12	Tara, Russia	29	D8	Tatarbunary	17	F9
Taiwan ■	35	D7	Tampico	84	C5	Tara →,			Tatarsk	29	D8
Taiyetos Óros	23	F4	Tamrida =			Montenegro, Yug.			Tatarstan □	29	D6
Taiyuan	35	C6	Qādib	49	E5				Tateyama	32	B6
Taizhong	35	D7	Tamsagbulag	35	B6	Tara →, Russia	29	D8	Tathra	63	C4
Ta'izz	49	E3	Tamu	41	E10	Tarabagatay,			Tatra = Tatry	16	D4
Tajikistan ■	29	F8	Tamworth	63	B5	Khrebet	29	E9	Tatry	16	D4
Tajo = Tejo →	18	C1	Tana →, Kenya	57	E8	Tarābulus,			Tatta	43	G5
Tājūrā	52	B1	Tana →,			Lebanon	46	D3	Tatuī	94	A7
Tak	36	A1	Norway	8	D13	Tarābulus, Libya	52	B1	Tat'ung =		
Takada	32	A6	Tana, L.	53	F6	Tarakan	37	D5	Datong	35	B6
Takaka	65	D5	Tanahbala	37	E1	Taralga	63	B4	Tatvan	46	C5
Takamatsu	32	B4	Tanahgrogot	37	E5	Taranaki □	64	C6	Taubaté	94	A7
Takaoka	32	A5	Tanahjampea	39	F2	Tarancón	19	B4	Tauern	15	E7
Takapuna	64	B6	Tanahmasa	37	E1	Taranga Hill	43	H8	Taumarunui	64	C6
Takasaki	32	A6	Tanahmerah	39	F6	Táranto	21	D6	Taumaturgo	91	E4
Takatsuki	32	B4	Tanami Desert	60	D5	Táranto, G. di	21	D6	Taungdwingyi	41	G10
Takaungu	57	E7	Tanana	71	B4	Tarapacá	90	D5	Taunggyi	41	G11
Takayama	32	A5	Tanana →	71	B4	Tararua Ra.	64	D6	Taungup	41	H10
Takefu	32	B5	Tananarive =			Tarashcha	17	D10	Taungup Pass	41	H10
Takengon	36	D1	Antananarivo	59	H9	Tarauacá	91	E4	Taungup		
Takeo	36	B2	Tánaro →	20	B2	Tarauacá →	91	E5	Taunggya	41	H9
Tākestān	46	D7	Tandag	38	C3	Tarawera	64	C7	Taunton	11	F5

Taunus	14	C5	Teluk Anson . .	37	D2	Terre Haute . . .	72	E2	Thermaikós		
Taupo	64	C7	Teluk Betung =			Terschelling . .	14	B3	Kólpos	23	D4
Taupo, L.	64	C6	Tanjungkarang			Teruel	19	B5	Thermopylae P.	23	E4
Tauranga	64	B7	Telukbetung .	37	F3	Teryaweyna L. .	62	B3	Thessaloníki . .	23	D4
Tauranga Harb.	64	B7	Teluk Intan =			Teshio-Gawa →	32	F12	Thessaloniki,		
Taurianova . . .	21	E6	Teluk Anson .	37	D2	Tesiyn Gol → .	34	A4	Gulf of =		
Taurus Mts. =			Telukbutun . .	37	D3	Teslin	70	B6	Thermaikós		
Toros Dağlan	46	C3	Telukdalem . .	37	D1	Tessalit	54	D5	Kólpos	23	D4
Tavda	29	D7	Tema	55	G4	Tessaoua	55	F6	Thetford	11	E7
Tavda →	29	D7	Temax	85	C7	Tetas, Pta. . . .	94	A2	Thetford Mines	69	D3
Taveta	57	E7	Temerloh	37	D2	Tete	59	B6	Thevenard	62	B1
Tavira	18	D2	Temir	29	E6	Teterev → . . .	17	C10	Thiel Mts.	96	C2
Tavoy	36	B1	Temirtau,			Teteven	22	C5	Thiers	13	D5
Tawau	36	D5	Kazakstan . . .	29	D8	Tetiye	17	D9	Thies	55	F1
Tawitawi	38	C2	Temirtau, Russia	29	D9	Tétouan	54	A3	Thika	57	E7
Tay →	10	C5	Temma	62	D3	Tetovo	22	C3	Thimphu	41	D7
Tayabamba . . .	91	E3	Temora	63	B4	Teuco →	94	B4	Thionville	13	B7
Taylakova	29	D8	Tempe	83	D7	Teun	39	F3	Thíra	23	F5
Taylakovy =			Temple	78	D5	Teutoburger			Thistle I.	62	C2
Taylakova . . .	29	D8	Temuco	94	D2	Wald	14	B5	Thívai	23	E4
Taymā	47	F4	Temuka	65	F4	Tévere →	20	D4	Thomas, L.	62	A2
Taymyr, Oz. . . .	30	B8	Tenali	40	J3	Tewantin	63	A5	Thomasville,		
Taymyr,			Tenasserim . . .	36	B1	Texarkana	79	C6	Ga., U.S.A. . . .	75	D6
Poluostrov . . .	30	B7	Tenda, Col di . .	20	B1	Texas	63	A5	Thomasville,		
Taytay	38	B1	Tendaho	49	E3	Texas □	78	D4	N.C., U.S.A. . .	75	B7
Taz →	28	C8	Tenerife	54	C1	Texas City	79	E6	Thompson	71	C10
Taza	54	B4	Teng Xian	35	C6	Texel	14	B3	Thomson's Falls		
Tazovski	28	C8	Tengah □	39	E2	Teyvareh	45	C6	= Nyahururu	57	D7
Tbilisi	25	E5	Tengah			Tezpur	41	D9	Thrace	22	D6
Tchad = Chad ■	53	E2	Kepulauan . .	37	F5	Thabana			Three Hummock		
Tchad, L.	53	F1	Tengchong . . .	34	D4	Ntlenyana	59	D5	I.	62	D3
Tch'eng-tou =			Tenggara □ . . .	39	E2	Thabazimbi . . .	59	C5	Three Points, C.	55	H4
Chengdu	35	C5	Tenggarong . . .	37	E5	Thailand ■	36	A2	Thun	13	C7
Tchibanga	56	E2	Tengiz, Ozero . .	29	D7	Thailand, G. of	36	B2	Thunder Bay . .	69	D2
Tch'ong-k'ing =			Tenkasi	43	Q10	Thakhek	36	A2	Thung Song . . .	36	C1
Chongqing . . .	35	D5	Tenke	57	G5	Thal	42	C7	Thunkar	41	D8
Tczew	16	A4	Tenkodogo . . .	55	F4	Thala La	41	C11	Thüringer Wald	14	C6
Te Anau, L. . . .	65	F2	Tennessee □ . .	74	B4	Thallon	63	A4	Thurles	11	E3
Te Aroha	64	B6	Tennessee → . .	72	F1	Thames	64	B6	Thurloo Downs	63	A3
Te Awamutu . .	64	C6	Tenom	36	C5	Thames →	11	F7	Thurso	10	B5
Te Kuiti	64	C6	Tenryū-			Thane	43	K8	Thurston I. . . .	96	B2
Te Puke	64	B7	Gawa →	32	B5	Thanh Pho Ho			Thylungra	63	A3
Te Waewae B. . .	65	G2	Tenterfield . . .	63	A5	Chi Minh =			Tia	63	B5
Tebakang	37	D4	Teófilo Otoni . .	93	F5	Phanh Bho Ho			Tian Shan	34	B3
Tébessa	54	A6	Tepa	39	F3	Chi Minh	36	B3	Tianjin	35	C6
Tebicuary → . .	94	B5	Tepic	84	C4	Thanjavur	43	P11	Tianshui	35	C5
Tebingtinggi . .	37	D1	Teplice	16	C1	Thar Desert . . .	42	F7	Tiaret	54	A5
Tecuci	22	B6	Ter →	19	A7	Tharad	43	G7	Tiassalé	55	G4
Tedzhen =			Téra	55	F5	Thargomindah	63	A3	Tibati	53	G1
Tejen	29	F7	Téramo	20	C4	Tharrawaddy . .	41	J10	Tiber =		
Tefé	90	D6	Terang	62	C3	Thásos	23	D5	Tévere →	20	D4
Tegal	37	F3	Terebovlya . . .	17	D7	Thaton	41	J11	Tiberias, L. =		
Tegina	55	F6	Terek →	25	E6	Thaungdut	41	E10	Yam Kinneret	46	D3
Tegucigalpa . . .	85	E7	Teresina	92	D5	Thayetmyo	41	H10	Tibesti	52	D2
Tehachapi	82	C3	Terewah, L. . . .	63	A4	Thazi	41	G11	Tibet =		
Tehrān	44	C2	Terhazza	54	D3	The Alberga →	62	A2	Xizang □	34	C3
Tehuantepec . .	85	D5	Teridgerie			The Coorong . .	62	C2	Tibooburra	62	A3
Tehuantepec, G.			Cr. →	63	B4	The Frome → . .	62	A2	Tiburón	84	B2
de	85	D5	Termez =			The Grampians	62	C3	Tichit	55	E3
Tehuantepec,			Termiz	29	F7	The Great Divide			Ticino →	20	B2
Istmo de	85	D6	Términi Imerese	21	F4	= Great			Tiddim	41	F9
Tejen	29	F7	Termiz	29	F7	Dividing Ra. . .	61	E8	Tidjikja	55	E2
Tejo →	18	C1	Térmoli	20	C5	The Hague = 's-			Tidore	39	D3
Tekapo, L.	65	E4	Ternate	39	D3	Gravenhage . .	14	B3	Tiel	55	F1
Tekeli	29	E8	Terni	20	C4	The			Tierra de		
Tekirdağ	22	D6	Ternopil	17	D7	Hamilton → . .	62	A2	Campos	18	A3
Tekkali	40	H5	Ternopil =			The			Tierra del		
Tel Aviv-Yafo . .	46	D3	Ternopil	17	D7	Macumba → . .	62	A2	Fuego, I. Gr.		
Tela	85	D7	Terowie, N.S.W.,			The Neales → . .	62	A2	de	95	G3
Telanaipura =			Australia	63	B4	The Pas	71	C9	Tiétar →	18	C2
Jambi	37	E2	Terowie,			The Rock	63	C4	Tieyon	62	A1
Telavi	25	E6	S. Austral.,			The Salt L.	62	B3	Tiflis = Tbilisi .	25	E5
Telekhany =			Australia	62	B2	The			Tifu	39	E3
Tsyelyakhany	17	B7	Terracina	20	D4	Stevenson → . .	62	A2	Tighina	17	E9
Teles Pires → . .	91	E7	Terralba	21	E2	The			Tignish	69	D4
Telford	11	E5	Terranova =			Warburton → . .	62	A2	Tigre →	90	D4
Télimélé	55	F2	Ólbia	20	D2	Thebes = Thívai	23	E4	Tigris = Dijlah,		
Tellicherry	43	P9	Terrassa =			Theebine	63	A5	Nahr →	47	E6
Telsen	95	E3	Tarrasa	19	B7				Tigyaing	41	F11

Tih, Gebel el

Tih, Gebel el	52	C5	Tmassah	52	C2	Tonga	65	L13	Tougué	55	F2
Tijuana	84	A1	Toamasina	59	H9	Tonga Trench	65	L13	Toul	13	B6
Tikamgarh	43	G11	Toay	94	D4	Tongareva	65	K15	Toulepleu	55	G3
Tikhoretsk	25	D5	Toba	32	B5	Tongchuan	35	C5	Toulon	13	E6
Tikrit	46	D5	Toba Kakar	42	D6	Tonghua	35	B7	Toulouse	12	E4
Tiksi	30	B10	Tobago	87	D7	Tongjiang	35	B8	Toummo	52	D1
Tilamuta	39	D2	Tobelo	39	D3	Tongking, G. of			Toungoo	41	H11
Tilburg	14	C3	Tobermory	10	C3	= Tonkin, G.			Touraine	12	C4
Tillabéri	55	F5	Toboali	37	E3	of	35	D5	Tourane = Da		
Tilos	23	F6	Tobol →	29	D7	Tongoy	94	C2	Nang	36	A3
Tilpa	63	B3	Toboli	39	E2	Tongren	35	D5	Tourcoing	13	A5
Tilsit = Sovetsk	24	B1	Tobolsk	29	D7	Tongsa Dzong	41	D8	Touriñán, C.	18	A1
Timaru	65	F4	Tobruk =			Tongue →	76	B2	Tournai	14	C2
Timbedgha	55	E3	Tubruq	52	B3	Tonk	42	F9	Tournon	13	D6
Timboon	62	C3	Tobyl =			Tonkin, G. of	35	D5	Tours	12	C4
Timbuku =			Tobol →	29	D7	Tonlé Sap	36	B2	Towamba	63	C4
Tombouctou	55	E4	Tocantinópolis	92	D4	Toompine	63	A3	Towang	41	D8
Timimoun	54	C5	Tocantins	93	E4	Toora	63	C4	Townsville	61	D8
Timişoara	16	F5	Tocantins →	92	C4	Toowoomba	63	A5	Toyama	32	A5
Timmins	69	D2	Tochigi	32	A6	Topeka	77	F7	Toyohashi	32	B5
Timok →	22	B4	Tocopilla	94	A2	Topki	29	D9	Toyonaka	32	B4
Timon	92	D5	Tocumwal	63	C4	Topol'čany	16	D4	Toyooka	32	B4
Timor	39	F2	Tocuyo →	90	A5	Topolobampo	84	B3	Toyota	32	B5
Tinaca Pt.	38	C3	Todeli	39	E2	Torata	91	G4	Tozeur	54	B6
Tindouf	54	C3	Todenyang	57	D7	Torbalı	23	E6	Trá Li = Tralee	11	E2
Tingo Maria	91	E3	Todos os			Torbat-e			Trabzon	46	B4
Tinjoub	54	C3	Santos, B. de	93	E6	Heydāriyeh	44	C4	Trafalgar, C.	18	D2
Tinnevelly =			Togba	55	E2	Torbat-e Jām	45	C5	Trail	71	D8
Tirunelveli	43	Q10	Togian,			Torbay	11	F5	Tralee	11	E2
Tinogasta	94	B3	Kepulauan	39	E2	Tordesillas	18	B3	Trancas	94	B3
Tínos	23	F5	Togliatti	24	C6	Torgau	15	C7	Trang	36	C1
Tintinara	62	C3	Togo	55	G5	Torino	20	B1	Trangan	39	F4
Tioman, Pulau	37	D2	Toinya	53	G4	Torit	53	H5	Trangie	63	B4
Tipongpani	41	D10	Tojikiston =			Tormes →	18	B2	Trani	20	D6
Tipperary	11	E2	Tajikistan	29	F8	Torne älv →	8	E12	Transantarctic		
Tirān	44	C2	Tojo	39	E2	Torneá = Tornio	8	E12	Mts.	96	C3
Tirana	22	D2	Tokala	39	E2	Torneträsk	8	E11	Transilvania	17	F7
Tiranë = Tirana	22	D2	Tōkamachi	32	A6	Tornio	8	E12	Transilvanian		
Tiraspol	17	E9	Tokanui	65	G3	Tornquist	94	D4	Alps =		
Tire	23	E6	Tokar	53	E6	Toro, Cerro del	94	B3	Carpații		
Tirebolu	46	B4	Tokarahi	65	F4	Toronios			Meridionali	17	F7
Tiree	10	C3	Tokat	46	B4	Kólpos	23	D4	Transylvania =		
Tirgoviște	22	B5	Tokelau Is.	65	K13	Toronto,			Transilvania	17	F7
Tirgu-Jiu	17	F6	Tokmak	29	E8	Australia	63	B5	Trápani	21	E4
Tirgu Mureș	17	E7	Tokushima	32	B4	Toronto, Canada	69	D3	Traralgon	63	C4
Tirich Mir	42	A7	Tokuyama	32	B2	Toropets	24	B3	Trasimeno, L.	20	C4
Tirnăveni	17	E7	Tōkyō	32	B6	Tororo	57	D6	Traun	15	D8
Tírnavos	23	E4	Tolaga Bay	64	C8	Toros Dağlan	46	C3	Travemünde	15	B6
Tirodi	43	J11	Tolbukhin =			Tôrre de			Travers, Mt.	65	E5
Tirol	14	E6	Dobrich	22	C6	Moncorvo	18	B2	Travnik	20	B6
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Ventuarí ➔ ...	90	Victoria I.	70	Villazón	94	Volga ➔	25	D6
Ventura	82	Victoria Ld. ...	96	Villena	19	Volga Hts. =		
Venus B.	63	Victoria		Villeneuve-		Privolzhskaya		
Vera, Argentina	94	Taungdeik ..	41	d'Ascq	13	Vozvyshennost		
Vera, Spain ...	19	Victoria West ..	58	Villeneuve-sur-		.....	24	C6
Veracruz	84	Victorica	94	Lot	12	Volgodonsk ...	25	D5
Veraval	43	Vicuña	94	Villingen-		Volgograd	25	D5
Verbánia	20	Vidin	22	Schwenningen	14	Volgogradskoye		
Vercelli	20	Vidisha	43	D5		Vdkhr.	24	C6
Verde ➔	95	Viedma	95	Vilnius	24	Volkhov ➔ ...	24	A3
Verden	14	Viedma, L.	95	Vilyuy ➔	31	Volkovysk =		
Verdun	13	Vienna = Wien	15	Vilyuysk	31	Vawkavysk ..	17	B7
Vereeniging ...	59	Vienne	13	Viña del Mar ..	94	Volochanka ...	30	B7
Verga, C.	55	Vienne ➔	12	Vinaroz	19	Volodymyr-		
Verín	18	Vientiane	36	Vindhya Ra. ...	43	Volynskyy ...	17	C7
Verkhnevilyuysk	30	Vierzon	12	Vineland	73	Vologda	24	B4
Verkhniy		Vietnam ■	36	Vinkovci	20	Vólos	23	E4
Baskunchak .	25	Vigan	38	Vinnitsa =		Volovets	17	D6
Verkhoyansk ..	31	Vigevano	20	Vinnytsya ...	17	Volozhin =		
Verkhoyansk Ra.		Vigia	92	Virac	38	Valozhyn ...	17	A8
=		Vigo	18	Viramgam	43	Volsk	24	C6
Verkhoyanskiy		Vijayawada ...	40	Virananşehir ..	46	Volta ➔	55	G5
Khrebet	31	Vikeke	39	Virden	71	Volta, L.	55	G5
Verkhoyanskiy		Vikna	8	Vire	12	Volta Redonda	93	G5
Khrebet	31	Vila da Maganja	59	Virgenes, C. ...	95	Volterra	20	C3
Vermilion	71	B7		Virgin Is.		Volturno ➔ ..	20	D4
Vermont □	73	Vila de João		(British) ■ ..	87	Volzhskiy	25	D5
Vernon, Canada	71	Belo = Xai-Xai	59	Virginia □	73	Voríai		
Vernon, U.S.A.	78	D1		Virginia Beach .	73	Sporádhes ..	23	E4
Véroia	23	Vila Franca de		Virovitica	20	Vorkuta	28	C7
Verona	20	Xira	18	B6		Voronezh	24	C4
Versailles	12	Vila Machado .	59	Virudunagar ..	43	Voroshilovgrad		
Vert, C.	55	B6		Vis	20	= Luhansk ..	25	D4
Verviers	14	Vila Nova de		Visalia	82	Voroshilovsk =		
Veselovskoye		Gaia	18	B2		Alchevsk	25	D4
Vdkhr.	25	Vila Real	18	Visayan Sea ...	38	Vosges	13	B7
D5		Vila Real de		Visby	9	Vostok I.	65	L15
Vesoul	13	Santo António	18	G11		Vouga ➔	18	B1
C7		D2		Višegrad	20	Voznesensk ...	25	D3
Vesterålen	8	Vila Velha	93	C7		Voznesenye ...	28	C4
E11		G5		Viseu, Brazil ...	92	Vrangelya,		
Vestfjorden ...	8	Vilaine ➔	12	C4		Ostrov	31	B15
E10		C2		Viseu, Portugal	18	Vranje	22	C3
Vesuvio	21	Vilanculos	59	B2		Vratsa	22	C4
D5		C7		Vishakhapatnam	40	Vrbas ➔	20	B6
D5		C7		J4		Vrede	59	D5
Vesuvius, Mt. =		Vileyka	17	B1		Vredenburg ...	58	E3
D5		A8		Viso, Mte.	20	Vršac	22	B3
D5		A8		Vistula =		Vryburg	58	D4
D5		A8		Wisła ➔ ...	16	Vryheid	59	D6
D5		A8		A4		Vukovar	20	B7
D5		A8		Vitebsk =		Vulcan	17	F6
D5		A8		Vitsyebsk ...	24	Vulcanеști	17	F9
D5		A8		B3		Vulcano	21	E5
D5		A8		B3		Vulkaneshty =		
D5		A8		B3		Vulcanеști ..	17	F9
D5		A8		B3		Vung Tau	36	B3
D5		A8		B3		Vyatka = Kirov	28	D5
D5		A8		B3		Vyatskiye		
D5		A8		B3		Polyany	24	B7
D5		A8		B3		Vyazma	24	B3
D5		A8		B3		Vyborg	28	C3
D5		A8		B3		Vychegda ➔ ..	28	C5
D5		A8		B3		Vychodné		
D5		A8		B3		Beskydy	17	D5
D5		A8		B3		Vylkove	17	F9
D5		A8		B3		Vynohradiv ...	17	D6
D5		A8		B3		Vyshniy		
D5		A8		B3		Volochek ...	24	B3
D5		A8		B3		Vyškov	16	D3

Wa

W

Wa	55	F4	Walvisbaai	58	C2	Watrous	71	C9	West Palm		
Waal →	14	C3	Wamba	57	D5	Watsa	57	D5	Beach	75	F7
Wabash →	72	F1	Wamena	39	E5	Watson Lake	70	B7	West Pt.	62	C2
Waco	78	D5	Wamulan	39	E3	Watsonville	82	B2	West Virginia	72	E5
Wad Banda	53	F4	Wana	42	C6	Wattiwarriganna			West Wyalong	63	B4
Wad Hamid	53	E5	Wanaaring	63	A3	Cr. →	62	A2	Westall Pt.	62	B1
Wād Medanī	53	F5	Wanaka	65	F3	Watuata =			Westbury	62	D4
Waddington, Mt.	71	C7	Wanaka L.	65	F3	Batuata	39	F2	Westerland	14	A5
Waddy Pt.	63		Wanapiri	39	E5	Watubela,			Western		
Wadi Halfa	52	D5	Wanbi	62	B3	Kepulauan	39	E4	Australia	60	F3
Wafrah	47	E6	Wandoan	63	A4	Watubela Is. =			Western Dvina		
Wager B.	68	B2	Wangal	39	F4	Watubela,			=		
Wager Bay	68	B1	Wanganella	63	C3	Kepulauan	39	E4	Daugava →	24	B1
Wagga Wagga	63	C4	Wanganui	64	C6	Wauchope	63	B5	Western Ghats	43	N9
Waghete	39	E5	Wangaratta	63	C4	Waukegan	72	C2	Western		
Wah	42	C8	Wangary	62	B2	Waukesha	72	C1	Sahara	54	D2
Wahai	39	E3	Wangerooge	14	B4	Wausau	77	C10	Western		
Waiau →	65	E5	Wangiwangi	39	F2	Wauwatosā	72	C2	Samoa	65	L13
Waibeem	39	E4	Wanxian	35	C5	Waverley	64	C6	Westerwald	14	C4
Waigeo	39	E4	Warangal	43	L11	Wāw	53	G4	Westland Bight	65	E4
Waihi	64	B6	Waratah	62	D4	Wāw al Kabīr	52	C2	Weston	36	C5
Waihou →	64	B6	Waratah B.	63	C4	Waxahachie	79	C5	Weston-super-		
Waikabubak	39	F1	Warburton	63	C4	Wayabula Rau	39	D3	Mare	11	F5
Waikari	65	E5	Ward	65	D6	Wayatinah	62	D4	Westport,		
Waikato →	64	B6	Ward →	63	A4	Waycross	75	D6	Ireland	11	E2
Waikerie	62	B2	Wardha	43	J11	Wazirabad	42	C9	Westport, N.Z.	65	D4
Waikokopu	64	C7	Wardha →	43	K11	We	36	C1	Westray	10	B5
Waikouaiti	65	F4	Warialda	63	A5	Weda	39	D3	Wetar	39	F3
Waimakariri →	65	E5	Wariap	39	E4	Weda, Teluk	39	D3	Wetaskiwin	71	C8
Waimate	65	F4	Warkopi	39	E4	Weddell I.	95	G4	Wetzlar	14	C5
Wainganga →	43	K11	Warmbad,			Weddell Sea	96	A4	Wewak	61	
Waingapu	39	F2	Namibia	58	D3	Wedderburn	62	C3	Wexford	11	E3
Wainwright,			S. Africa	59	C5	Wee Waa	63	B4	Weyburn	71	D9
Canada	71	C8	Warner Mts.	80	E3	Weemelāh	63	A4	Weymouth	11	F5
Wainwright,			Warracknabeal	62	C3	Weiden	15	D7	Whakatane	64	B7
U.S.A.	71	A3	Warragul	63	C4	Weifang	35	C6	Whale →	68	C4
Waiouru	64	C6	Warrego →	63	B4	Weimar	15	C6	Whale Cove	70	B10
Waipara	65	E5	Warren	63	B4	Weipa	61	C7	Whales, B. of	96	B16
Waipawa	64	C7	Warrenton	58	D4	Weir →	63	A4	Whangamomona		
Waipiro	64	C8	Warrenville	63	A4	Wejherowo	16	A4		64	C6
Waipu	64	A6	Warri	55	G6	Welbourn Hill	62	A1	Whangarei	64	A6
Waipukurau	64	D7	Warrina	62	A2	Welkom	59	D5	Whangarei Harb.	64	A6
Wairakei	64	C7	Warrington, U.K.	11	E5	Wellesley Is.	60	D6	Wheeling	72	D5
Wairarapa, L.	65	D6	Warrington,			Wellington,			White →, Ark.,		
Wairoa	64	C7	U.S.A.	74	D4	Australia	63	B4	U.S.A.	79	C8
Waitaki →	65	F4	Warrnambool	62	C3	Wellington, N.Z.	65	D6	White →, Ind.,		
Waitara	64	C6	Warsa	39	E5	Wellington, I.	95	F1	U.S.A.	72	E2
Waiuku	64	B6	Warsaw =			Wellington, L.	63	C4	White Cliffs	62	B3
Wajima	32	A5	Warszawa	16	B5	Wels	15	D8	White I.	64	B7
Wajir	57	D8	Warszawa	16	B5	Welshpool	11	E5	White Nile = Nil		
Wakasa-Wan	32	B4	Warta →	16	B2	Wemindji	69	C3	el Abyad →	53	E5
Wakatipu, L.	65	F3	Warthe =			Wenatchee	80	B3	White Russia =		
Wakayama	32	B4	Warta →	16	B2	Wenchi	55	G4	Belarus	24	C2
Wakefield	65	D5	Waru	39	E4	Wenchow =			White Sea =		
Wakema	41	J10	Warwick	63	A5	Wenzhou	35	D7	Beloye More	28	C4
Wakkanai	32	E12	Wasatch Ra.	81	E8	Wendesī	39	E4	Whitecliffs	65	E4
Wakool	63	C3	Wash, The	11	E7	Wensu	34	B3	Whitehaven	11	D5
Wakool →	62	C3	Washim	43	J10	Wentworth	62	B3	Whitehorse	70	B6
Wakre	39	E4	Washington	73	E7	Wenut	39	E4	Whitemark	62	D4
Wałbrzych	16	C3	Washington	80	B3	Wenzhou	35	D7	Whitfield	63	C4
Walcha	63	B5	Washington, Mt.	73	B10	Werda	58	D4	Whitianga	64	B6
Wałcz	16	B3	Wasian	39	E4	Werder	49	F4	Whitney, Mt.	82	B3
Wales	11	E4	Wasior	39	E4	Weri	39	E4	Whittlesea	63	C4
Walgett	63	A4	Waskaganish	69	C3	Werra →	14	C5	Wholdaia L.	70	B9
Walgreen Coast	96	B1	Wasserkuppe	14	C5	Werribee	63	C3	Whyalla	62	B2
Walhalla	63	C4	Watangpone	39	E2	Werrimull	62	B3	Whyjonta	62	A3
Walla Walla	80	B4	Waterbury	73	D9	Werris Creek	63	B5	Wichita	78	A5
Wallachia =			Waterford	11	E3	Wersar	39	E4	Wichita Falls	78	C4
Valahia	22	B5	Waterloo,			Weser →	14	B5	Wick	10	B5
Wallal	63	A4	S. Leone	55	G2	Wesiri	39	F3	Wickham, C.	62	C3
Wallaroo	62	B2	Waterloo, U.S.A.	77	D8	West Bengal	40	F7	Wicklōw Mts.	11	E3
Wallerawang	63	B5	Waterton-Glacier			West Beskids =			Wieluń	16	C4
Wallis & Futuna,			International			Západné			Wien	15	D9
Is.	64	L13	Peace Park	81	A6	Beskydy	16	D4	Wiener Neustadt	15	E9
Wallowa Mts.	80	C5	Watertown	73	C8	West Falkland	95	G4	Wiesbaden	14	C5
Wallsend	63	B5	Waterville	73	B11	West Fjord =			Wilcannia	62	B3
Wallumbilla	63	A4	Watford	11	F6	Vestfjorden	8	E10	Wildspitze	14	E6
			Watling I. = San			West Ice Shelf	96	A11	Wilhelm, Mt.	61	B8
			Salvador	86	B5	West Nicholson	59	C5	Wilhelm II Coast	96	A11

Wilhelmshaven	14	B5	Woodend	63	C3
Wilkes-Barre	73	D8	Woodland	80	F3
Wilkie	71	C9	Woodroffe, Mt.	60	F5
Willandra			Woods, L. of the	71	D10
Billabong			Woodstock	69	D4
Creek →	63	B4	Woodville	64	D6
Willemstad	87	D6	Woolamai, C.	63	C4
William Creek	62	A2	Woolgoolga	63	B5
Williams Lake	71	C7	Woombye	63	A5
Williamsburg	73	F7	Woomera	62	B2
Williamsport	73	D7	Worcester,		
Williamstown	63	C3	<i>S. Africa</i>	58	E3
Williston	76	A3	Worcester, <i>U.K.</i>	11	E5
Willowmore	58	E4	Worcester,		
Willunga	62	C2	<i>U.S.A.</i>	73	C10
Wilmington,			Workington	11	D5
<i>Australia</i>	62	B2	Worms	14	D5
Wilmington,			Worthing	11	F6
<i>Del., U.S.A.</i>	73	E8	Wosi	39	E3
Wilmington,			Wou-han =		
<i>N.C., U.S.A.</i>	75	B9	Wuhan	35	C6
Wilpena Cr. →	62	B2	Wour	52	D2
Wilson	75	B9	Wousi = Wuxi	35	C7
Wilson →	62	A3	Wowoni	39	E2
Wilsons			Woy Woy	63	B5
Promontory	63	C4	Wrangel I. =		
Wimmera →	62	C3	Vrangelya,		
Winchester	11	F6	Ostrov	31	B15
Wind River			Wrangell	71	C6
Range	81	D9	Wrangell Mts.	71	B5
Windau =			Wrath, C.	10	B4
Vent'spils	24	B1	Wrexham	11	E5
Windhoek	58	C3	Wright	38	B3
Windsor,			Wrigley	70	B7
<i>Australia</i>	63	B5	Wrocław	16	C3
Windsor, <i>N.S.,</i>			Września	16	B3
<i>Canada</i>	69	D4	Wu Jiang →	35	D5
Windsor, <i>Ont.,</i>			Wuhan	35	C6
<i>Canada</i>	69	D2	Wuhsi = Wuxi	35	C7
Windward Is.	87		Wuhu	35	C6
Wingen	63	B5	Wukari	55	G6
Wingham	63	B5	Wuliaru	39	F4
Winisk →	69	C2	Wulumuchi =		
Winneba	55	G4	Ürümqi	34	B3
Winnipeg	71	D10	Wum	55	G7
Winnipeg, L.	71	C10	Wuntho	41	F10
Winnipegosis L.	71	C9	Wuppertal	14	C4
Winona	77	C9	Würzburg	14	D5
Winston-Salem	75	A7	Wutongqiao	34	D5
Winterthur	13	C8	Wuwei	34	C5
Winton,			Wuxi	35	C7
<i>Australia</i>	61	E7	Wuyi Shan	35	D6
Winton, <i>N.Z.</i>	65	G3	Wuzhi Shan	35	E5
Wirrulla	62	B1	Wuzhong	35	C5
Wisconsin □	77	C10	Wuzhou	35	D6
Wisia →	16	A4	Wyandotte	72	C4
Wismar	15	B6	Wyandra	63	A4
Witbank	59	D5	Wyangala Res.	63	B4
Wittenberg	15	C7	Wyara, L.	63	A3
Wittenberge	15	B6	Wycheproof	62	C3
Wkra →	16	B5	Wynbring	62	B1
Włocławek	16	B4	Wyndham,		
Włodawa	17	C6	<i>Australia</i>	60	D4
Wodonga	63	C4	Wyndham, <i>N.Z.</i>	65	G3
Wokam	39	F4	Wynnum	63	A5
Wolfsberg	15	E8	Wynyard	62	D4
Wolfsburg	15	B6	Wyoming □	81	D10
Wolin	16	B2	Wyong	63	B5
Wollaston, Is.	95	H3			
Wollaston Pen.	70	B8			
Wollongong	63	B5			
Wolseley	62	C3			
Wolverhampton	11	E5			
Wondai	63	A5			
Wongalarroo L.	63	B3			
Wönsan	35	C7			
Wonthaggi	63	C4			
Woocalla	62	B2			
Woodburn	63	A5			
Woodenbong	63	A5			

X

Xai-Xai	59	D6
Xainza	34	C3
Xangongo	58	B3
Xankändi	25	F6
Xánthi	22	D5
Xapuri	91	F5

Xi Jiang →	35	D6
Xiaguan	34	D5
Xiamen	35	D6
Xi'an	35	C5
Xiang Jiang →	35	D6
Xiangfan	35	C6
Xiangtan	35	D6
Xiao Hinggan		
Ling	35	B7
Xiapu	35	D6
Xichang	34	D5
Xigazê	34	D3
Xinavane	59	D6
Xing'an	35	D6
Xingren	35	D5
Xingtai	35	C6
Xingu →	92	C3
Xining	34	C5
Xinjiang Uygur		
Zizhiqu □	34	B3
Xinjin	35	C7
Xinxiang	35	C6
Xinyang	35	C6
Xinzhu	35	D7
Xique-Xique	93	E5
Xisha Qundao =		
Hsisha		
Chuntao	36	A4
Xixabangma		
Feng	40	C5
Xizang □	34	C3
Xuanhua	35	B6
Xuchang	35	C6
Xuzhou	35	C6

Y

Ya'an	34	D5
Yaapeet	62	C3
Yabelo	53	H6
Yablonovy Ra. =		
Yablonovyy		
Khrebet	30	D9
Yablonovyy		
Khrebet	30	D9
Yacuiba	94	A4
Yadgir	43	L10
Yagoua	56	B3
Yahuma	56	D4
Yakima	80	B3
Yakutat	71	C6
Yakutsk	31	C10
Yala	36	C2
Yalinga	56	C4
Yalong Jiang →	34	D5
Yalova	22	D7
Yalta	25	E3
Yalutorovsk	29	D7
Yam Ha Melah		
= Dead Sea	47	E3
Yam Kinneret	46	D3
Yamagata	33	G12
Yamaguchi	32	B2
Yamal,		
Poluostrov	28	B8
Yamal Pen. =		
Yamal,		
Poluostrov	28	B8
Yamantau, Gora	29	D6
Yamba, <i>N.S.W.,</i>		
<i>Australia</i>	63	A5
Yamba,		
<i>S. Austral.,</i>		
<i>Australia</i>	62	B3
Yâmbiô	53	H4
Yambol	22	C6

Yamdena	39	F4
Yamethin	41	G11
Yamma-Yamma,		
L.	62	A3
Yamoussoukro	55	G3
Yampil	17	D9
Yampol =		
Yampil	17	D9
Yamuna →	40	E3
Yamzho Yumco	34	D4
Yana →	31	B11
Yanac	62	C3
Yanbu 'al Baḥr	47	F4
Yancannia	62	B3
Yanco Cr. →	63	C4
Yandoon	41	J10
Yangambi	56	D4
Yangch'ü =		
Taiyuan	35	C6
Yangchun	35	D6
Yangjiang	35	D6
Yangon =		
Rangoon	41	J11
Yangquan	35	C6
Yanji	35	B7
Yanna	63	A4
Yanqi	34	B3
Yantabulla	63	A4
Yantai	35	C7
Yanykurgan	29	E7
Yao	53	F2
Yaoundé	56	D2
Yapen	39	E5
Yapen, Selat	39	E5
Yaqui →	84	B2
Yar-Sale	28	C8
Yaraka	61	E7
Yaransk	24	B6
Yardea P.O.	62	B2
Yaremcha	17	D7
Yarensk	28	C5
Yarí →	90	D4
Yarkand =		
Shache	34	C2
Yarkhun →	42	A8
Yaroslavl	24	B4
Yarram	63	C4
Yarraman	63	A5
Yarranvale	63	A4
Yarras	63	B5
Yartsevo	30	C7
Yaselda	17	B8
Yasinya	17	D7
Yass	63	B4
Yatağan	23	F7
Yathkyed L.	70	B10
Yatsushiro	32	C2
Yauyos	91	F3
Yavari →	90	D4
Yavatmal	43	J11
Yavoriv	17	D6
Yavorov =		
Yavoriv	17	D6
Yawatahama	32	C3
Yazd	44	D3
Yazd □	44	C3
Yazdān	45	C5
Yazoo →	79	C8
Ye Xian	35	C6
Yebyu	41	K12
Yecla	19	C5
Yedintsy =		
Edinița	17	D8
Yeelanna	62	B2
Yegros	94	B5
Yei	53	H5
Yekaterinburg	29	D7
Yekaterinodar =		
Krasnodar	25	D4

Yelarbon

Yelarbon	63	A5
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